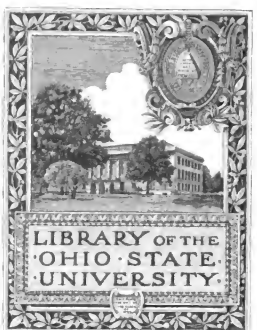
VERÖFFENTLICHUNGEN DER GROSSHERZOGLICHEN STERNWARTE ZU HEIDELBERG...

Grossherzogliche Sternwarte zu Heidelberg. Astrometrisches...

Digitized by Google

G. E. STECHERT & CO.
ALFRED HAFNER
NEW YORK



Digitized by Google

KATALOG DER STERNE

ZWISCHEN DEM ÄQUATOR UND DEM 8. GRAD SÜDLICHER DEKLINATION 1855

BIS ZUR 8. GRÖSSENKLASSE

FÜR DAS ÄQUINOKTIUM 1890.

NACH BEOBACHTUNGEN AM MERIDIANKREIS

DER GROSSHERZOGLICHEN STERNWARTE ZU KARLSRUHE

IN DEN JAHREN 1882 BIS 1894

BEARBEITET UND HERAUSGEGEBEN

VON

W. VALENTINER.

Heidelberg. Sternwarte. Astronomisches Institut.
Veröffentlichungen.

OHIO STATE
UNIVERSITY

KARLSRUHE.
IN KOMMISSION DER G. BRAUN'SCHEN HOFBUCHDRUCKEREI.
1903.

Digitized by Google

QB 4*
H46
v.2

OHIO STATE
UNIVERSITY

Digitized by Google

Einleitung.

Die Instrumente und ihre Aufstellung; das Beobachtungsprogramm.

Der im vorliegenden Bande veröffentlichte Sternkatalog enthält die Resultate der Meridianbeobachtungen an der Karlsruher Sternwarte aus der Zeit 1882—1894. Die Geschichte dieser Beobachtungen braucht hier nicht ausführlich besprochen zu werden, da sie sich in den verschiedenen von mir herausgegebenen Bänden der »Veröffentlichungen der Karlsruher Sternwarte« insbesondere im 1., 2., 4., 5. Bande findet. Nur das für den Gebrauch und die Beurteilung der Positionen durchaus Notwendige mag hier Erwähnung finden.

Das benutzte Instrument war ursprünglich ein Multiplikationskreis von Reichenbach an feststehender Säule und im Jahre 1811 für die Mannheimer Sternwarte angeschafft worden. Noch bevor er in Gebrauch genommen werden konnte musste er wegen der Kriegsunruhen verpackt werden, wobei er anscheinend so schwere Beschädigungen erlitt, dass der inzwischen als Barrys Nachfolger nach Mannheim berufene Schumacher ihn 1813 zur gründlichen Reparatur wieder nach München sandte. Erst im Jahre 1818, als Nicolai längst in Mannheim an Schumachers Stelle getreten war, kam das Instrument zurück und wurde in einem besonderen Anbau auf dem alten Turm fest aufgestellt. Dass ein Astronom wie Nicolai, der, wenn auch vorzugsweise auf dem Gebiete der theoretischen und rechnenden Astronomie tätig, sich doch genugsam als tüchtiger Beobachter bewährte, das schöne und jedenfalls damals wertvolle Instrument nicht benutzte, kann wohl kaum einen andern Grund haben, als dass gerade zu jener Zeit von Reichenbach selbst Meridiankreise konstruiert wurden, gegen welche der oft auch als Meridiankreis bezeichnete Multiplikationskreis als veraltet und untergeordnet angesehen wurde. Erst über 60 Jahre später wurde das Instrument aus seinem Kabinett genommen und auf meinen Antrag von der Freiberger Firma A. Lingke & Co. (jetzt M. Hildebrand) umgebaut und ihm die Gestalt gegeben, in welcher es zu Meridianbeobachtungen benutzt werden konnte. Es war selbstverständlich, dass es sich bei dieser Umwandlung nur darum handeln konnte, ein Instrument für die damals noch sehr bescheiden ausgerüstete Sternwarte zu schaffen, welches unter Verwendung des vorzüglichen Objektivs jedenfalls mit Vorteil als Passageninstrument an Stelle des alten Ramsdenschen treten konnte, aber möglicherweise auch unter Benutzung des einen der beiden vorhandenen Kreise bei gehöriger Vorsicht in der Behandlung und der Auswahl der Beobachtungen zu brauchbaren Deklinationsbestimmungen führen konnte. Von vornherein durfte ich nicht darauf rechnen für die geringe Summe, welche zur Veränderung verfügbar war, einen Meridiankreis im modernsten Sinne zu erhalten, dazu wäre ja selbst das Fernrohr zu klein gewesen, ganz abgesehen von der Unvollkommenheit der Kreise.

Nachdem das Instrument in seiner neuen Gestalt im Jahre 1881 angekommen war, wurden die ersten Monate ausschliesslich zur Prüfung der Leistungsfähigkeit verwandt, um je nach dem Ausfall ein festes Beobachtungsprogramm zu entwerfen. In beiden Koordinaten fielen diese Untersuchungen insofern befriedigend aus, als die Genauigkeit der der Zonenbeobachtungen der Astronomischen Gesellschaft im allgemeinen nicht nachstand, und unter Umständen wohl eine Steigerung zuliess. Eine direkte Beteiligung an dem grossen Zonenunternehmen war aber durch die geringe Lichtstärke des Objektivs, welches im hellen Felde die Beobachtungen der Sterne 9. Grösse ganz unmöglich machte, ausgeschlossen, ausserdem war ich in den ersten Jahren alleiniger Astronom und wäre schon dadurch die Durchführung eines solchen Programms

503547

Digitized by Google

untunlich gewesen. So konnte das Augenmerk nur auf eine ganz selbständige Arbeit gerichtet sein und nach den damaligen Verhältnissen durfte es kaum zweifelhaft sein, wo die Bedürfnisse der Astronomie im Gebiete der Meridianbeobachtungen lagen, nämlich in der exakten und systematischen Beobachtung der Sterne südlich des Äquators. Nach der Vollendung der A.G.-Kataloge für den nördlichen Himmel wurde zwar die sofortige Fortsetzung nach Süden beabsichtigt und die Beobachtungen sind jetzt dafür im allgemeinen als abgeschlossen zu betrachten. Abgesehen aber davon, dass bei Aufstellung des Programms für die Karlsruher Sternwarte diese Fortsetzung noch in ziemlicher Ferne lag, konnte ja, wie bereits bemerkt, eine Beteiligung an den Zonen nicht in Frage kommen. Es handelte sich hier darum, eventuell durch Vervielfältigung der Beobachtungen einen Spezialkatalog zu liefern, der einheitlich durchgeführt vielleicht Örter von grösserer Genauigkeit lieferte. Von besonderem Interesse hätte mir die vollständige Durchbeobachtung des Piazzischen Katalogs geschienen, da die Vergleichung mit den fast 100 Jahre zurückgelegenen Örtern zu zahlreichen Untersuchungen die Veranlassung geboten hätte. Indessen glaubte ich aus verschiedenen Gründen, die namentlich in der Beschaffenheit des Instruments lagen, welches den Anschluss der Beobachtungen an Sterne in möglichst gleichem Parallel forderte, davon absehen zu müssen, und so beschloss ich die Bestimmung der Örter der Fixsterne südlich vom Äquator bis zur 8. Grösse hinab und zwar jede Bestimmung auf 6 Einzelbeobachtungen, tunlichst gleichmässig auf beide Kreislagen verteilt, beruhen zu lassen. Die Beobachtungen sollten in 2– 4 Grad breiten Zonen fortschreiten und anfänglich ist auch in dieser Weise verfahren. Aber es zeigte sich doch bald, dass es zweckmässiger war, gleich einen 8 Grad breiten Gürtel vorzunehmen, um nicht bei der ungleichen Verteilung der Sterne zu oft in den Fall zu kommen, die klaren Nächte nicht vollständig ausnutzen zu können. Inzwischen hatte sich auch herausgestellt, dass die Genauigkeit des Anschlusses trotz der etwas weniger strengen Elimination der differenziellen Instrumentalfehler keine merkbare Beeinträchtigung erfuhr. Bis in die letzte Zeit, wo es vielfach darauf ankam, Lücken auszufüllen, sind übrigens schon zur Erleichterung der Kontrolle bei der Reduktion möglichst enge Grenzen in der Breite der Zone innegehalten worden.

Den anfänglichen Plan, die Beobachtungen sämtlich ganz allein durchzuführen, konnte ich nicht festhalten, da durch meine anderen Aufgaben nicht seltene Unterbrechungen entstanden wären, die dem Fortgang des Unternehmens mehr geschadet hätten, als es von einer Beteiligung seitens meiner Mitarbeiter, nachdem inzwischen die Stelle eines Assistenten von der Regierung bewilligt worden war, zu erwarten gewesen wäre. An den Beobachtungen haben sich im Laufe der Jahre eigentlich nur Dr. E. v. Rebeur-Paschwitz (1884—1887) und Dr. Fr. Ristenpart (1892—1894) mit erheblichen Beiträgen beteiligt. Die wenigen Beobachtungen der Herren Dr. B. Matthiessen und Dr. R. Schorr kommen kaum in Betracht und konnten zum grossen Teil sogar wegen der noch sehr geringen Übung der Beobachter nicht mit vollem Gewicht ins Endresultat aufgenommen werden oder mussten doch bei der Reduktion eine andere Behandlung erfahren.

Die zu beobachtenden Sterne wurden der B.D. entnommen, und zwar bis $-2°$ der nördlichen, während mir für die südlicheren Sterne ein vorläufiges handschriftliches Verzeichnis von Schönfeld mitgeteilt wurde. Es sind daher aufgenommen alle die Sterne, welche für das Äquinoktium 1855.0 (d. h. in der B.D. unmittelbar innerhalb der gewählten Grenzen) zwischen $0°$ 0′ und $-7°59.9$ lagen und deren Helligkeit nicht schwächer als 8.0 angegeben war. Wiederholte Vergleichungen auch mit der später veröffentlichten B.D. sind ausgeführt, um keinen Stern zu übersehen. Trotzdem sind 4 Sterne der Beobachtung entgangen, sie sind aber mit ihren genäherten Positionen in dem Katalog an den betreffenden Stellen aufgenommen. Während der Beobachtung ist in nicht seltenen Fällen die auch sonst bemerkte Tatsache deutlich hervorgetreten, dass ganze Stunden der Rektascension in der B.D. durchlaufend schwächer oder heller als die benachbarten geschätzt worden sind. Ich hätte sehr gewünscht, dem Katalog strenge photometrische Messungen hinzufügen zu können und es wurden dafür schon in Karlsruhe die notwendigen Instrumente angeschafft. Solange wir nur auf der Grundlage der B.D. die zu einer Grössenklasse gehörigen Sterne auszusuchen in der Lage sind, wird die Absicht, alle Sterne bis zu einer gewissen Helligkeitsgrenze in einen Katalog aufzunehmen, nur ganz angenähert erreicht werden können. Die Verhältnisse haben die Ausführung noch nicht ermöglicht, doch gebe ich die Hoffnung nicht auf, dass in absehbarer Zeit diese Ergänzung zum Katalog wird folgen können, um so mehr, da die Sternwarte in ihrer gegenwärtigen Lage und Ausrüstung vor solchen Aufgaben weniger zurückzuschrecken braucht, als in der Zeit der Karlsruher Beobachtungen. Andererseits schien es mir nicht geraten, die Herausgabe des Katalogs bis dahin zu verschieben, hat doch die hier vorliegende Bearbeitung des Karlsruher Materials schon viel mehr Zeit gekostet, als ich anfänglich

Digitized by Google

annahm. Die inzwischen erfolgte Verlegung der Sternwarte und deren gänzliche Neuorganisation, ihre damit verbundene Ausgestaltung zu einem der Institute, welche innerhalb des Deutschen Reichs baulich und instrumentell zu den bevorzugtesten zählen dürfen, hat jahrelange Pausen in der Bearbeitung nach sich gezogen. Auch nachdem ich letztere wieder in die Hand nehmen konnte, blieben längere oder kürzere Unterbrechungen nicht aus; es drohte darunter manches Mal die einheitliche Durchführung zu leiden und gerade diese hatte sich bei der früheren, vorläufigen Herausgabe der einzelnen Beobachtungen nicht erreichen lassen. Über das eingeschlagene Reduktionsverfahren wird weiter unten getrennt für Rektascension und Deklination das Nötige gesagt werden. Hier mögen noch einige statistische Angaben und Bemerkungen über die Instrumente und ihre Aufstellung Platz finden.

Im ganzen beruht der Katalog auf etwa 22000 Beobachtungen, wovon sich ca. 16000 auf die zu bestimmenden Sterne, die übrigen auf die Anhaltsterne beziehen, so dass durchschnittlich auf 2.8 Katalogsterne ein Anhaltstern kommt. Als Anhaltsterne dienten die Fundamentalsterne der A.G., zunächst nach den vorläufigen Örtern, dann nach den in den A.N. Nr. 2890/91 gegebenen Örtern. Die Beobachtungen verteilen sich ziemlich ungleich auf die Zeit vom Februar 1882 bis März 1894, wofür Verhältnisse verschiedenster Art, die aber hauptsächlich in dem provisorischen Zustand der Karlsruher Sternwarte lagen, die Ursache sind.

Der Meridiankreis ist ausführlich im I. Band der Veröffentlichungen der Karlsruher Sternwarte pag. V ff. beschrieben. Ich wiederhole hier nur folgende Angaben. Das Objektiv hat 84 mm und zeichnet sich durch ausserordentlich schöne Bilder und gute Lichtstärke aus. Die bei den Beobachtungen angewandte Vergrösserung beträgt 84, es würde bei guter Luft eine nicht unerheblich stärkere genommen werden können, aber die Lage und Einrichtung der Sternwarte war derart, dass wir uns eigentlich nur sehr selten leidlich guter Luft zu erfreuen hatten. War dieselbe am Anfang des Abends gut, so dauerte es in der Regel nicht lange, bis sie sich infolge starker Abkühlung, welcher der Innenraum nur sehr mangelhaft folgte, oder der tiefliegenden Nebel bis fast zur Unerträglichkeit verschlechterte. Darüber geben ja auch die Bemerkungen in den früheren Veröffentlichungen Aufschluss und doch sind diese Zustände oft durch die Bemerkungen nicht einmal ausreichend hervorgehoben, da der Beobachter sich allmählich an die ganz nebelartigen und unruhigen Bilder gewöhnt hatte und die Tatsache mit einer gewissen Resignation hinnahm, namentlich trifft dies für mich selbst als Beobachter zu, woraus die weniger zahlreichen Bemerkungen über die Luftzustände und dahin gehörenden Einzelheiten sich erklären. Aus diesen Ursachen wurde die Beschaffung stärkerer Okulare unterlassen.

Das Fadennetz bestand aus 15 Rektascensionsfäden, einem beweglichen Doppelfaden und einem horizontalen Doppelfaden, letzterer für die Einstellung in der Zenitdistanz. Als Regel wurden für die Rektascensionsbeobachtungen 11 Fäden angenommen, welche in 3 Gruppen zu 3, 5, 3 Fäden angeordnet waren, indem die je 2 äusseren Fäden fortgelassen wurden. Die Neigung wurde mit dem Niveau, der Kollimationsfehler durch Umlegung auf Polsternen, das Azimut in der üblichen Weise aus der Verbindung von Pol- und Zeitsternen bestimmt. Die Neigungsbestimmung war bei dem durch die Grösse des Kreises bedingten langarmigen Niveau nicht so sicher wie zu wünschen gewesen wäre (in späterer Zeit ist das Niveau infolge dessen bei den Beobachtungen in Heidelberg ganz ausgeschaltet), aber bei dem engen Anschluss an die Anhaltsterne ist ein nennenswerter Einfluss auf die Resultate nicht zu befürchten gewesen. Das Azimut hat von allen Fehlern die grössten Schwankungen gezeigt, wie dies bei der einfachen Konstruktion und den gegen Temperatureinflüsse ganz ungeschützten Lagerplatten und Pfeilern kaum anders zu erwarten war. Leider fehlte gänzlich die Möglichkeit zur Beschaffung einer Mire, an welcher der Gang im Azimut sich hätte kontrollieren lassen. Auch hier musste die Elimination des Einflusses tunlichst erstrebt werden.

Der Kreis hat 3 Fuss Durchmesser und ist von 3 zu 3 Minuten geteilt. Er ist für seine Grösse ausserordentlich schwach gebaut und die Striche stehen an Schärfe und Reinheit weit hinter moderner Teilung zurück. Die Ablesung erfolgte durch zwei gegenüberstehende Mikrometermikroskope, die Einstellung an einem um 15° abstehenden Pointermikroskop. Trotz der geringen Festigkeit in Aufstellung und Instrument hielten sich die Änderungen des Nullpunkts im allgemeinen in mässigen Grenzen. Die Beleuchtung des Gesichtsfeldes und der Teilung unter den Ablesemikroskopen geschah durch grosse Petroleumlampen, die in 1.10 m Entfernung von den Axenlagern angebracht sind, für die Ablesung der Mikroskope selbst und die Einstellung am Pointer mussten Handlampen benutzt werden, wodurch schädliche Erwärmungen des frei liegenden Kreises nicht zu vermeiden waren. Die Schrauben sind gleich im Anfang gründlich untersucht und war eine Berücksichtigung ihrer periodischen Fehler nicht erforderlich. Der

Digitized by Google

Schraubenwert (Run) ist dagegen anfangs in häufigen Intervallen direkt bestimmt worden, später sind die Abendeinstellungen, da stets die beiden einschliessenden Striche eingestellt wurden, auch zur Ableitung dieser Werte gebraucht und in besonderen Fällen wohl die Mittel aus einer Reihe von Abenden genommen, in der Regel aber der abendliche Wert selbst zur Reduktion gebraucht.

Als Uhr dienten im Anfang die alten Pendeluhren der Mannheimer Sternwarte von Norton und Arnold, die aber selbst für kurze Zeit keine Verlässlichkeit mehr zeigten. Es trat dann zum Glück bald eine neue Hohwüsche Quecksilberpendeluhr mit Hansenschem Stromunterbrecher ein. Von Anfang an konnte für die Durchgänge nur die Registriermethode in Betracht kommen.

Die Instrumente waren in der provisorischen Sternwarte aufgestellt, einem einfachen Holzhäuschen von 5 m im Quadrat und 3.50 m Höhe für den Meridiankreis und einem entsprechenden Anbau für die anderen Apparate. Die Klappen hatten eine Breite von 0.70 m, das Dach war mit Dachpappe gedeckt, die Temperaturschwankung sehr beträchtlich. Die Pfeiler waren nur 0.5 m tief in den Erdboden aus Backsteinen gemauert, ohne jede solide Fundierung, die übrigens bei der Lage der Sternwarte inmitten der Stadt, in nächster Nähe der Eisenbahnen und Maschinenfabriken, deren schwerer Dampfhammer deutlich an den Bewegungen der Libelle zu beobachten war, nur durch ganz besondere und kostspielige Vorkehrungen Erfolg hätte haben können. Dass aber den elementarsten Forderungen einer Sternwarte hier nicht entsprochen wurde, hat ganz allein darin seinen Grund, dass die Verlegung der Sternwarte von Mannheim nach Karlsruhe infolge der Baufälligkeit einzelner Beobachtungsräume der ersteren nicht länger zu verschieben war und dabei in eine Zeit finanzieller Schwierigkeit des Landes fiel, welche einen definitiven Neubau unmöglich machte. Es hat aber bekanntlich seit dem ersten Anbeginn der Regierung des Grossherzogs Friedrich für die Astronomie ein so warmes Interesse geherrscht, dass unter keinen Umständen an eine auch nur ganz vorübergehende Aufhebung des wissenschaftlichen Instituts der Sternwarte gedacht wurde. Um aber andererseits die erste nur irgend mögliche Gelegenheit zur Errichtung einer modernen Sternwarte benutzen zu können, schien es durchaus ratsam, das Provisorium in der allereinfachsten Weise herzustellen, um eigentlich nur für wenige Jahre die notwendigsten Beobachtungen, Zeitbestimmungen u. dergl. machen zu können. Dass dieser Zustand von so langer Dauer sein, insbesondere die nach einigen Jahren (1887) gemachte Regierungsvorlage für den Neubau von den Ständen abgelehnt werden würde, hatte sich nicht voraussehen lassen.

Die Berührung dieser Verhältnisse, welche von den älteren Fachgenossen, die die Jahresberichte der Karlsruher Sternwarte in der Vierteljahrsschrift der Astronomischen Gesellschaft und die Einleitungen in den Veröffentlichungen der Sternwarte gelesen haben, nicht neu sind, könnte bei denen, welche sie zu verfolgen keine Gelegenheit oder Interesse hatten, den Anschein erwecken, als ob die bescheidenen Zustände übertriebene trübe Erinnerung erweckten im Rückblick aus der Umgebung eines Instituts, das zwar ohne jeden Luxus aber soviel als möglich entsprechend allen wissenschaftlichen Erfahrungen der Neuzeit und getragen von wärmster Fürsorge des Fürsten und seiner Regierung gebaut worden ist. Das ist aber nicht der Fall, sie haben vielmehr nur Erwähnung finden müssen, damit die unter ihnen entstandenen Beobachtungsergebnisse die richtige Beurteilung finden. Was mit den unvergleichlichen Repsoldschen Kreisen in modernen Beobachtungsräumen im Zeitraum weniger Jahre erreicht wird, dazu hat es in Karlsruhe zehnjähriger Beobachtungen und entsprechend längerer Reduktionsarbeiten bedurft. Ich war mir beim Entwurf des Programms sofort bewusst, dass nur durch Vermehrung der Arbeit, d. h. insbesondere der Beobachtungszahl, Fixsternörter zu erlangen sein könnten, die für die Gegenwart und Zukunft nicht überflüssig oder geringwertig erschienen; es lag nicht in meiner Absicht, ein Sternverzeichnis — vielleicht grösser an Ausdehnung — zu liefern, dessen Örter bei allen Untersuchungen von vornherein ein Gewicht erhalten müssten, das ihrer Ausschliessung nahe gleichgekommen wäre.

Die Rektascensionen.

Bei der Neubearbeitung, welche in ihrem ersten Teil von Herrn Dr. N. Herz gemacht wurde, sind nur die Reduktion der Fäden auf den Mittelfaden und die Mittel derselben unverändert beibehalten. Mit Hilfe der in den Veröffentlichungen der Karlsruher Sternwarte abgedruckten Reduktionselemente sind nach ihrer sorgfältigen Durchprüfung die Uhrstände und Gänge ganz neu und in der Regel nach der Methode der kleinsten Quadrate berechnet worden. Dabei wurden für die Anhaltsterne die in den A.N. No. 2890,91 gegebenen Posi-

Digitized by Google

tionen zugrunde gelegt. Die unter Anwendung dieser neuen Uhrstände gefundenen Rektascensionen der Katalogsterne zeigen in der grossen Mehrzahl nur ganz geringe Abweichungen von den früheren Resultaten, welche zum Teil auch nur von der Mitnahme der dritten Dezimale bei der Reduktion herrühren. Es ist daher darauf verzichtet, diese neuen Uhrstände und Gänge bezw. die Instrumentalfehler hier mitzuteilen. Ich habe darnach mit der Präzession alle Positionen auf 1890.0 übertragen und diese zu Mittelwerten vereinigt. Dabei zeigte sich, dass den einzelnen Tagen systematische Differenzen anhaften, die manchmal nicht unbeträchtlich sind, wofür sich leicht Gründe finden lassen, wenn man sich des Zustandes der Sternwarte und der dadurch bedingten Aufstellung der Instrumente erinnert. Insbesondere hat auch der Umstand, dass die Sternwarte bis in die letzte Zeit keinen Raum zum Aufenthalt des Beobachters in den Pausen bot, dadurch schädlich wirken müssen, dass bei irgend zweifelhaftem Wetter die Klappen während der Abwesenheit des Beobachters geschlossen werden mussten, so dass die aus längeren oder kürzeren Intervallen abgeleiteten Uhrgänge wohl kaum als für die ganze Zeit gleichmässig geltend angesehen werden dürften. Da nun in der Regel 6 Beobachtungen auf jeden Stern entfielen und die verschiedene Kreislage keinen Einfluss erkennen liess, so konnten die Abweichungen der einzelnen Beobachtungen vom Mittel zur Bestimmung der Korrektion für den ganzen Abend benutzt werden. Herr Dr. Bemporad hat diese Untersuchung in der Weise durchgeführt, dass er, wo irgend das Material ausreichte, diese Unterschiede nach der Meth. d. kl. Q. auszugleichen suchte. In ungefähr der Hälfte der Abende ergab sich eine für den ganzen Abend konstante Korrektionsgrösse, in den übrigen Fällen ist ein von der Zeit abhängiges Glied bestimmt worden.

In den folgenden Tabellen sind die Resultate mitgeteilt. Das Zeichen ist dabei so zu verstehen, dass der resultierende Wert mit demselben an den unmittelbar gefundenen mittleren Ort für 1890.0 anzubringen ist, um den definitiven Wert zu erhalten, wie er im 2. Teil dieses Bandes (von S. 64 an) auf hundertel Zeitsekunde abgerundet angegeben ist.

Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.
1882		1882		1883	
Febr. 2	$-0^s.001$ $+0^s.021$ ($t^h-4^h.4$)	Mai 11	$-0^s.030$	Jan. 7	$-0^s.025$ $+0^s.035$ ($t^h-4^h.9$)
3	$+0.033$ $+0.010$ ($t-4.3$)		$+0.029$		-0.016
7	$+0.004$ -0.003 ($t-4.4$)	12	-0.019 $-0^s.057$ ($t^h-12^h.3$)	8	$+0.032$
	$+0.010$ -0.019 ($t-8.3$)	13	-0.001	9	$+0.026$ $+0.020$ ($t-6.4$)
8	$+0.015$		-0.033	10	$+0.013$
	$+0.026$	18	-0.027 $+0.041$ ($t-13.1$)	12	-0.047 $+0.055$ ($t-4.0$)
11	-0.013 $+0.005$ ($t-4.3$)	19	-0.016		$+0.029$
16	-0.020	22	-0.013	14	-0.004 $+0.013$ ($t-6.6$)
22	$+0.001$ $+0.028$ ($t-8.3$)	Juli 3	-0.009	24	-0.009
März 2	$+0.032$ $+0.020$ ($t-9.4$)	14	-0.018	26	$+0.004$
3	-0.013	18	-0.008 $+0.027$ ($t-19.1$)	28	-0.043 $+0.032$ ($t-3.7$)
5	$+0.037$	19	-0.004 $+0.009$ ($t-18.3$)		-0.022
	$+0.049$		-0.005	29	-0.027 $+0.019$ ($t-6.0$)
8	-0.049 $+0.019$ ($t-9.1$)	22	-0.008 $+0.032$ ($t-18.0$)	Febr. 5	$+0.006$
9	$+0.011$ -0.019 ($t-9.3$)	24	-0.003 $+0.005$ ($t-17.8$)	6	-0.004
10	$+0.021$ -0.043 ($t-6.3$)		-0.002		-0.003 $+0.017$ ($t-9.4$)
	$+0.028$ $+0.017$ ($t-9.6$)		$+0.057$ von $20^h.7$ an	20	$+0.004$ $+0.050$ ($t-6.4$)
11	$+0.014$	28	-0.006 $+0.007$ ($t-17.8$)	April 3	-0.016 $+0.014$ ($t-10.0$)
14	-0.018		-0.017 -0.042 ($t-20.4$)		-0.019 $+0.043$ ($t-12.3$)
	$+0.037$ $+0.008$ ($t-10.5$)	Okt. 19	$+0.020$ -0.037 ($t-22.4$)	7	-0.021 $+0.025$ ($t-12.2$)
15	$+0.001$ -0.010 ($t-7.0$)	21	$+0.012$	26	$+0.022$
	-0.020		-0.003 -0.036 ($t-2.2$)		-0.016
16	$+0.010$	30	$+0.012$ -0.019 ($t-0.0$)	Mai 4	$+0.015$
	-0.002 $+0.018$ ($t-10.5$)	31	$+0.002$ $+0.032$ ($t-0.8$)	8	$+0.020$ $+0.067$ ($t-14.5$)
18	$+0.025$	Nov. 6	-0.009 -0.028 ($t-2.8$)	9	$+0.003$
24	$+0.009$	Dez. 15	-0.005 -0.028 ($t-0.9$)	15	-0.002
April 7	$+0.033$ -0.013 ($t-11.3$)	1883			-0.025
8	$+0.035$ -0.017 ($t-9.3$)	Jan. 4	-0.004	16	-0.004 $+0.014$ ($t-15.0$)
	-0.012		-0.011	17	$+0.014$ $+0.031$ ($t-14.6$)

Digitized by Google

Datum	Tageskorrektion in A.R.		Datum	Tageskorrektion in A.R.		Datum	Tageskorrektion in A.R.	
1883			1884			1885		
Mai 21	$-0^s.033$	$-0^s.025$ ($t^h-15^h.0$)	Nov. 11	$-0^s.006$	$-0^s.006$ ($t^h-3^h.4$)	März 10	$-0^s.019$	
22	-0.027		12	-0.005			-0.002	
25	$+0.102$		13	-0.012			$+0.037$	
Juni 4	-0.013	-0.019 ($t-15.6$)	25	-0.001	-0.009 ($t-0.6$)	11	$+0^s.006$	$+0^s.008$ ($t^h-10^h.0$)
6	-0.042	bis $15^h.0$		$+0.147$	von $2^h.9$ bis $3^h.2$	13	-0.021	-0.032 ($t-8.7$)
	-0.017			$+0.045$	$+0.034$ ($t-4.2$)		$+0.036$	$+0.021$ ($t-11.1$)
	-0.025		30	-0.016	-0.055 ($t-4.6$)	15	$+0.003$	
8	$+0.089$		Dez. 10	-0.024	$+0.036$ ($t-1.9$)		-0.005	-0.039 ($t-12.0$)
13	$+0.031$		12	-0.004	$+0.043$ ($t-5.2$)	16	$+0.002$	
27	-0.023		14	$+0.011$	-0.021 ($t-5.0$)		-0.069	von $9^h.2$ an
28	$+0.002$			-0.118		17	$+0.018$	
1884			16	$+0.036$			-0.024	-0.035 ($t-10.0$)
Febr. 19	$+0.002$	-0.019 ($t-7.2$)		$+0.027$	-0.092 ($t-5.2$)		-0.008	von $10^h.7$ an
	$+0.017$		18	$+0.024$	-0.130 ($t-1.1$)	23	-0.041	
20	$+0.003$		1885			26	-0.033	-0.039 ($t-9.5$)
	-0.001	$+0.018$ ($t-9.7$)	Jan. 3	$+0.006$		30	$+0.023$	$+0.038$ ($t-13.5$)
Mai 11	-0.043	$+0.030$ ($t-12.9$)		-0.035		31	$+0.007$	$+0.016$ ($t-9.6$)
	-0.016	-0.051 ($t-14.7$)	7	-0.011			-0.004	$+0.041$ ($t-13.2$)
26	-0.050	-0.055 ($t-16.5$)	8	$+0.004$		April 1	-0.005	
27	-0.002			$+0.011$		2	$+0.026$	
29	-0.001	-0.058 ($t-15.3$)	9	$+0.029$		4	$+0.050$	
Juli 2	-0.030			$+0.010$	$+0.022$ ($t-5.1$)		$+0.029$	
12	$+0.026$		17	-0.001	-0.041 ($t-5.9$)	11	$+0.019$	$+0.101$ ($t-12.2$)
14	-0.001	-0.033 ($t-18.6$)		-0.003			$+0.025$	$+0.028$ ($t-13.3$)
16	$+0.009$	-0.087 ($t-19.4$)	18	$+0.010$		13	-0.007	
20	-0.031			-0.011	-0.045 ($t-9.4$)		$+0.004$	
23	-0.035	-0.096 ($t-18.8$)	19	-0.025	-0.028 ($t-4.8$)	16	-0.016	$+0.039$ ($t-10.8$)
Aug. 2	$+0.010$			-0.026			-0.008	
6	-0.008		20	$+0.009$	$+0.042$ ($t-5.2$)	18	$+0.024$	
7	$+0.014$	-0.032 ($t-19.5$)	21	-0.018	-0.068 ($t-4.7$)		-0.003	
8	-0.009			-0.173	von $5^h.1$ bis $5^h.2$	19	-0.020	
15	$+0.003$			-0.009	von $5^h.2$ bis $5^h.5$	20	-0.002	
16	-0.013			-0.020	-0.053 ($t-7.8$)		$+0.012$	
22	$+0.004$	-0.124 ($t-19.3$)	25	-0.023	-0.033 ($t-4.8$)	21	-0.037	
23	-0.016			-0.006	-0.023 ($t-8.3$)		-0.044	
	-0.002		26	-0.026		27	-0.015	-0.079 ($t-11.8$)
28	$+0.025$			-0.005	-0.027 ($t-8.4$)		$+0.007$	-0.047 ($t-14.4$)
	-0.013		29	-0.027		Juni 12	-0.017	
Sept. 9	-0.004	-0.061 ($t-20.4$)		-0.013		13	$+0.004$	
	-0.034	-0.044 ($t-22.4$)	Febr. 4	$+0.034$		25	-0.040	
11	$+0.016$			$+0.012$	-0.077 ($t-9.9$)	Juli 7	-0.012	-0.041 ($t-18.4$)
	$+0.022$	-0.073 ($t-22.0$)	8	-0.028		8	-0.010	
15	-0.011			0.000	-0.025 ($t-8.5$)	10	-0.053	
	-0.002	$+0.058$ ($t-22.0$)	17	-0.046		15	-0.037	
17	-0.002	-0.033 ($t-20.3$)	23	$+0.010$		28	$+0.010$	$+0.008$ ($t-19.7$)
	$+0.001$	$+0.033$ ($t-21.7$)		-0.022		29	-0.017	$+0.028$ ($t-19.5$)
19	-0.014		24	-0.040		30	-0.025	
23	-0.018	-0.025 ($t-20.9$)		-0.001	-0.044 ($t-10.7$)	31	-0.059	
25	$+0.012$	$+0.045$ ($t-20.9$)	25	-0.017	$+0.020$ ($t-7.0$)	Aug. 1	$+0.008$	-0.027 ($t-18.7$)
	-0.012	$+0.027$ ($t-22.7$)		-0.028			-0.011	
26	$+0.050$	-0.055 ($t-20.9$)	26	-0.005	$+0.031$ ($t-6.9$)	2	$+0.001$	
	-0.141			$+0.012$		4	$+0.001$	
Okt. 21	$+0.007$	-0.022 ($t-23.0$)	März 2	-0.041			$+0.004$	-0.041 ($t-20.5$)
23	-0.029	$+0.012$ ($t-22.9$)		$+0.020$		5	$+0.011$	
25	-0.008			-0.024	-0.033 ($t-11.2$)	6	$+0.006$	-0.032 ($t-19.4$)
Nov. 5	-0.011		2	0.000		9	-0.011	
8	$+0.010$		3	-0.021		10	-0.010	$+0.022$ ($t-20.6$)

Digitized by Google

Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.
1885		1887		1888	
Aug. 11	+0ˢ.018	Juni 15	+0ˢ.005 −0ˢ.013 (t^h−16^{h}2)	Nov. 10	+0ˢ.020
12	+0.009	17	+0.011 +0.023 (t −16.4)	27	+0.008 −0ˢ.035 (t^h−23^{h}9)
13	+0.001	18	+0.020	Dez. 4	−0.006 +0.036 (t −22.8)
14	−0.016 −0ˢ.028 (t^h−20^{h}6)	19	0.000 −0.025 (t −15.4)		0.000
15	−0.025 −0.033 (t −20.4)	23	+0.019 −0.024 (t −17.5)	11	+0.005
16	−0.023	25	−0.007 −0.027 (t −17.3)	12	−0.016 +0.036 (t − 4.8)
25	−0.016	27	+0.015 +0.011 (t −17.5)	13	−0.023 +0.013 (t −23.3)
Sept. 2	−0.013	29	+0.020		+0.013 +0.016 (t − 2.9)
14	+0.028 +0.031 (t −23.2)	Juli 2	−0.002 +0.016 (t −17.5)	14	+0.019
15	−0.026	7	−0.017 −0.020 (t −18.0)		−0.023 von 22^{h}8 bis 0^{h}1
16	−0.021	8	−0.048 −0.060 (t −17.6)		+0.020
	−0.033 −0.035 (t −20.6)		−0.013 +0.032 (t −19.2)		−0.025
17	−0.035 −0.032 (t −22.6)	1888		15	−0.009
22	−0.008 −0.040 (t −22.8)	April 21	+0.019		−0.013 −0.007 (t − 3.3)
23	+0.010 −0.018 (t −23.0)	24	−0.031 +0.026 (t −12.3)	16	+0.044
Okt. 14	−0.008	Mai 1	+0.067	1889	
16	+0.015		−0.014 +0.048 (t −14.8)	Jan. 28	+0.027
19	−0.030	6	−0.003	Febr. 2	−0.004
Nov. 1	−0.008 +0.030 (t − 1.0)		+0.006 −0.069 (t −13.8)	März 5	+0.011 −0.062 (t − 6.2)
16	+0.010	7	+0.007	6	−0.027 +0.008 (t − 6.5)
	−0.017	8	−0.005 −0.014 (t −12.5)		+0.014
17	+0.021 −0.017 (t −23.7)	11	+0.023 −0.031 (t −13.2)	23	−0.021
	−0.027	12	−0.018 −0.026 (t −12.0)	28	+0.004 −0.050 (t − 7.8)
18	+0.009 +0.050 (t −22.4)		+0.014		+0.017
19	−0.021	13	−0.017 −0.027 (t −11.8)	April 1	+0.002 −0.034 (t − 8.5)
	−0.014		+0.005 von 12^{h}2 an	8	−0.020 +0.015 (t −10.9)
22	−0.023		+0.021 −0.015 (t −15.1)	Mai 26	−0.004 −0.051 (t −15.6)
Dez. 2	−0.071	17	−0.019	Juni 1	−0.008 +0.012 (t −15.5)
	+0.004 von 2^{h}2 an	18	+0.002	6	−0.004 −0.026 (t −15.0)
	+0.034 +0.103 (t − 4.6)		−0.017 −0.033 (t −14.3)	7	+0.005
3	+0.004 −0.011 (t −23.9)	23	−0.016 −0.013 (t −15.3)	25	−0.011 −0.012 (t −17.2)
	+0.012	24	+0.014 +0.022 (t −14.6)	Juli 3	−0.024
	0.000	25	+0.005	1891	
9	−0.020		−0.023 von 14^{h}4 bis 15^{h}4	Jan. 26	−0.027
11	−0.008		+0.008	27	−0.011
12	−0.018 −0.024 (t − 0.8)	26	−0.061 +0.018 (t −16.6)	28	−0.005
19	+0.023	Juni 1	−0.026	29	−0.021
	−0.008		+0.032 von 15^{h}8 an		+0.082 von 5^{h}0 an
27	−0.018	2	−0.007		−0.004 +0.032 (t − 6.5)
30	−0.019 +0.038 (t − 6.9)	3	−0.028 +0.009 (t −17.1)	Febr. 6	+0.011
1887		Okt. 21	+0.042 +0.044 (t −23.4)		−0.006 +0.012 (t − 8.1)
April 10	−0.004 −0.032 (t −13.0)		−0.035 +0.046 (t − 2.1)	7	−0.010 +0.015 (t − 4.6)
20	−0.041 +0.019 (t −10.5)	22	−0.023 −0.033 (t − 1.0)		−0.018
	+0.030 von 11^{h}5 an	23	−0.011 −0.017 (t −21.9)	8	−0.003 +0.011 (t − 4.5)
	−0.009		−0.020 +0.014 (t − 1.1)		−0.006 −0.014 (t − 7.8)
21	+0.009 +0.012 (t −10.4)	25	−0.011	9	−0.010 −0.005 (t − 4.5)
	−0.010 von 11^{h}4 an		+0.037		+0.001 −0.005 (t − 8.2)
	−0.026 −0.015 (t −14.3)	26	−0.022	10	−0.023 +0.020 (t − 4.6)
23	+0.003 −0.045 (t −10.1)		+0.001 +0.035 (t − 0.6)		−0.024 −0.034 (t − 8.2)
	−0.032 −0.030 (t −12.7)	28	−0.050 −0.030 (t −20.4)	13	−0.004 +0.027 (t − 5.5)
25	+0.011 +0.079 (t −10.3)		−0.040 von 21^{h}0 bis 23^{h}0		+0.015 +0.015 (t − 8.7)
	−0.034 −0.043 (t −12.8)		−0.020 −0.013 (t −23.5)	14	+0.011 +0.026 (t − 5.0)
26	−0.019 +0.035 (t −12.8)	28	−0.007 −0.051 (t − 0.7)		−0.019
Mai 4	+0.023	Nov. 6	+0.012	17	0.000 −0.026 (t − 5.0)
Juni 11	−0.016 −0.017 (t −15.9)		−0.030		−0.023
13	−0.039 −0.013 (t −15.1)	10	−0.013 −0.012 (t −22.4)	18	+0.009
	−0.012 +0.033 (t −16.9)		+0.023 −0.021 (t − 1.4)	19	−0.006

Digitized by Google

Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.
1891		1892		1892	
Febr. 19	+0ˢ.012	Jan. 11	−0ˢ.038	Aug. 6	+0ˢ.012 −0ˢ.023 (t^h−18^h.9)
20	−0.035	12	+0.003	9	+0.030
	+0.066		−0.027	11	+0.029
21	+0.031 +0ˢ.024 (t^h− 5^h.0)		+0.006		0.000 +0.025 (t − 3.6)
	−0.006	19	+0.007 +0ˢ.015 (t^h− 2^h.9)	17	+0.023 −0.021 (t −20.4)
22	+0.010		+0.006 −0.034 (t − 6.1)	18	+0.011
	−0.024		+0.018 +0.008 (t − 8.0)	20	+0.011
23	+0.008 +0.029 (t − 5.2)	20	−0.028 +0.013 (t − 3.5)	22	−0.015 +0.012 (t −20.6)
	−0.003		+0.001	29	−0.002 −0.023 (t −20.6)
24	+0.012 −0.051 (t − 5.3)		−0.038 +0.024 (t − 8.3)	Okt. 15	+0.008
	−0.002	März 25	+0.041 −0.020 (t −11.3)	Nov. 4	+0.024
25	+0.009 −0.006 (t − 5.6)	31	+0.018 −0.022 (t − 8.6)	26	−0.042
	−0.013 −0.038 (t − 8.7)		+0.017	30	+0.018 +0.003 (t − 3.1)
	−0.007 +0.006 (t −11.0)	April 1	+0.055	Dez. 2	−0.010
26	−0.022 −0.030 (t − 5.8)		−0.046 von 12^h.0 an		+0.033 +0.017 (t − 3.9)
	+0.005 −0.023 (t − 8.3)	2	+0.018 +0.019 (t − 8.2)	6	+0.025 −0.029 (t − 1.1)
27	−0.036 +0.027 (t − 5.4)		−0.006		−0.002 −0.030 (t − 2.0)
	+0.006	3	+0.019	7	0.000
	+0.012 +0.018 (t −12.0)	4	−0.016	16	−0.016
28	+0.010 −0.028 (t − 6.0)	7	+0.004 +0.082 (t − 8.8)	19	+0.020 +0.034 (t − 0.5)
	−0.010 +0.013 (t − 9.4)	8	−0.047		0.000 von 3^h.9 bis 4^h.4
März 6	−0.005 +0.021 (t − 5.9)		−0.030 +0.047 (t − 9.9)		−0.032 −0.022 (t − 5.6)
	+0.015 −0.046 (t − 8.5)	9	−0.001 −0.031 (t − 9.3)		0.000 +0.030 (t − 8.3)
7	+0.023 −0.014 (t − 6.0)		−0.016	22	+0.007 +0.041 (t − 7.0)
12	−0.015	12	−0.021		+0.023
15	−0.028	15	+0.015 −0.032 (t −10.4)	23	+0.008 +0.010 (t − 0.8)
	+0.038		+0.004	28	+0.019 +0.018 (t − 4.0)
Okt. 29	+0.030 +0.045 (t −21.4)	23	+0.016		−0.040 +0.031 (t − 6.0)
	+0.007	Mai 2	+0.040	1893	
30	+0.030 +0.022 (t −21.5)	6	+0.003	Jan. 2	−0.011
31	+0.022	7	−0.016		0.000
Nov. 3	+0.001		+0.010	5	+0.001 −0.017 (t − 0.8)
	+0.046	8	+0.008	6	−0.015 bis 0^h.3
4	−0.019		+0.010 +0.039 (t −16.0)		+0.021 +0.035 (t − 1.4)
5	+0.016 −0.019 (t −21.5)	9	+0.046		+0.015
	+0.013 −0.020 (t − 2.2)	12	+0.058		+0.000 +0.035 (t − 5.7)
6	−0.010	13	+0.030 +0.045 (t −12.4)		+0.022 +0.006 (t − 8.2)
	+0.037 +0.011 (t − 2.4)		+0.011 +0.044 (t −16.0)	7	−0.034
7	+0.032	17	+0.088		+0.019 −0.018 (t − 1.5)
	+0.033	21	−0.016		−0.005
8	−0.067	22	+0.040		−0.006
10	+0.011 −0.017 (t −22.3)		−0.013 +0.048 (t −15.8)	12	−0.014
12	+0.022	24	+0.012		+0.010 +0.051 (t − 4.5)
	−0.017		+0.010		−0.006 −0.045 (t − 6.4)
19	+0.023	25	+0.080 +0.074 (t −13.2)	15	+0.006
28	−0.036		+0.065 +0.057 (t −15.6)	19	−0.002
	−0.005	26	+0.022	28	+0.016
Dez. 18	+0.007 −0.038 (t − 0.4)	27	+0.052		−0.017 +0.033 (t − 6.3)
19	−0.029 −0.048 (t − 0.9)		+0.001	Febr. 4	+0.025 −0.025 (t − 3.7)
	+0.002 +0.054 (t − 4.7)	Juni 10	+0.031 +0.163 (t −16.9)		−0.034 −0.054 (t − 5.6)
20	−0.016		+0.010 +0.160 (t −20.5)	5	−0.002 +0.040 (t − 3.3)
21	−0.016 −0.078 (t − 0.6)	27	+0.006 +0.026 (t −16.4)	6	+0.006 +0.071 (t − 3.2)
1892		28	+0.005 +0.055 (t −16.1)		−0.012 +0.012 (t − 6.6)
Jan. 5	+0.059	Juli 1	+0.022	16	+0.018
10	+0.011 bis 6^h.1		+0.010		−0.028
	−0.007 −0.045 (t − 6.9)	Aug. 5	+0.047		+0.030
11	+0.045		+0.035 +0.036 (t −22.0)	20	+0.033

Digitized by Google

Datum	Tageskorrektion in A.R.		Datum	Tageskorrektion in A.R.		Datum	Tageskorrektion in A.R.	
1893			1893			1893		
Febr. 22	+0ˢ.017		April 7	+0ˢ.023	+0ˢ.006 ($t^h-17^h.3$)	Juli 4	+0ˢ.021	−0ˢ.022 ($t^h-19^h.3$)
27	−0.017		8	+0.024		6	−0.026	
März 3	−0.018	+0ˢ.013 ($t^h-5^h.9$)		−0.016			−0.022	
	+0.015			+0.010	+0.019 (t −17.5)	7	+0.002	−0.051 (t −18.6)
4	−0.015		9	+0.040			+0.011	
	+0.028	+0.035 (t −16.3)		+0.016			−0.006	
6	+0.032	−0.016 (t −16.1)		−0.021	+0.020 (t −15.1)	8	+0.027	+0.051 (t −18.5)
8	+0.006		10	+0.049	−0.025 (t −15.2)		−0.003	+0.028 (t −20.1)
9	+0.036	−0.060 (t − 7.6)		+0.023	−0.003 (t −17.0)	11	−0.060	−0.036 (t −18.5)
10	−0.019	−0.030 (t − 6.0)	12	−0.024		19	+0.023	−0.024 (t −19.2)
	+0.017	+0.008 (t −16.3)	14	−0.062		24	+0.024	−0.019 (t −18.8)
11	−0.021	−0.016 (t − 6.8)	15	−0.045		29	−0.017	−0.083 (t −18.9)
17	+0.030		17	+0.034		Aug. 3	−0.004	−0.030 (t −20.2)
18	+0.007		18	+0.074		7	+0.018	
21	+0.008	−0.010 (t − 8.1)	22	+0.016	+0.007 (t −15.5)	9	−0.009	
	+0.002		23	+0.037		11	+0.052	
	−0.016	+0.041 (t −14.0)	24	+0.012			−0.050	
	+0.016	−0.010 (t −16.5)	25	+0.027			−0.005	+0.028 (t −22.0)
22	−0.016		28	+0.013		14	+0.024	
	+0.044			−0.002		16	−0.011	+0.043 (t −20.1)
	+0.007		29	−0.043		17	+0.015	−0.011 (t −20.3)
23	+0.032	+0.025 (t − 7.4)		−0.014		18	+0.025	
	+0.037		Mai 1	+0.011			+0.032	
	−0.013			+0.037		19	−0.045	
25	+0.015		4	+0.033		22	+0.033	+0.046 (t −19.2)
26	+0.026	+0.022 (t − 9.4)	5	−0.012			+0.041	−0.007 (t −21.4)
	+0.016		12	+0.011			+0.036	
	+0.015		14	−0.020	+0.016 (t −18.4)		+0.041	−0.015 (t − 1.9)
	+0.033	+0.007 (t −17.0)	16	−0.033	−0.011 (t −18.5)	28	+0.044	−0.006 (t −20.2)
27	+0.009	+0.026 (t − 8.4)	28	−0.032	+0.027 (t −18.7)		+0.029	
	+0.001	von 10h bis 11h	Juni 1	−0.048	+0.028 (t −17.9)	29	+0.027	
	+0.020	+0.009 (t −13.9)	2	+0.041			−0.007	
28	+0.005	+0.009 (t − 8.7)		+0.016	+0.017 (t −18.3)	Sept. 1	+0.016	+0.039 (t −21.2)
	−0.018			+0.029	−0.010 (t −20.0)	4	+0.008	
	+0.025	+0.012 (t −16.9)	3	+0.016		5	+0.047	−0.016 (t −21.6)
29	−0.004			−0.031		12	+0.025	−0.029 (t −21.2)
	+0.061			+0.053	+0.040 (t −19.7)	Okt. 13	−0.033	
	−0.024		8	−0.053		18	+0.061	
30	+0.043			+0.028	+0.138 (t −19.9)	19	+0.012	
	−0.023		11	+0.017	−0.038 (t −20.1)		+0.016	+0.032 (t − 2.4)
	+0.008	+0.038 (t −14.3)	12	−0.038			−0.031	
	+0.047	+0.007 (t −16.5)		+0.022		20	+0.003	
31	+0.042		13	−0.040	+0.005 (t −18.4)	21	+0.015	
	−0.029	−0.075 (t −14.6)		−0.003	+0.034 (t −20.2)	23	+0.038	
April 1	−0.005		15	+0.066	+0.015 (t −19.1)	24	+0.011	
	+0.031		17	−0.011	+0.018 (t −18.8)	25	+0.010	
2	−0.019	−0.023 (t − 9.0)	21	−0.013		27	+0.005	
3	−0.014	+0.021 (t − 9.1)		+0.044	+0.025 (t −19.8)		+0.028	+0.028 (t − 4.5)
4	+0.003		23	+0.030		Nov. 1	+0.030	
	+0.022	+0.020 (t −17.0)	24	+0.052		5	+0.021	+0.019 (t − 3.8)
5	+0.025		27	+0.002		6	+0.022	−0.048 (t − 3.8)
	−0.002		30	−0.006		7	+0.027	+0.018 (t − 3.9)
	+0.018	+0.017 (t −17.1)		−0.005	−0.012 (t −20.5)		−0.014	
6	+0.060		Juli 1	−0.010		8	−0.012	
	+0.033	+0.011 (t −17.4)	2	+0.017			+0.045	
7	+0.024			+0.007		10	−0.021	
	−0.002		3	+0.042	−0.029 (t −18.7)		+0.021	+0.007 (t − 4.0)

Digitized by Google

Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.	Datum	Tageskorrektion in A.R.
1893		1893		1894	
Nov. 11	+0ˢ019	Dez. 12	+0ˢ033	Febr. 15	+0ˢ024
	−0,006	22	+0,030	17	+0,005
12	+0,040	1894		18	+0,031 −0ˢ007 (t^h − 6^h2)
	−0,025	Jan. 3	−0,009	19	+0,044
	−0,003 von 2^h7 bis 4^h0	4	+0,001 +0ˢ010 (t^h − 4^h6)	20	+0,013 −0,015 (t − 6.1)
	−0,001 +0ˢ016 (t^h − 5^h7)	5	+0,058	21	−0,003
27	−0,007		+0,019 +0,021 (t − 4.8)	22	+0,019
Dez. 1	−0,026	9	−0,043	23	+0,009
2	+0,030	22	+0,016	März 1	+0,003
	+0,033	24	+0,027	5	+0,026 −0,038 (t − 6.6)
3	−0,019		+0,024	12	−0,015
6	+0,032	25	−0,013	17	−0,001
	−0,040	Febr. 1	+0,064	18	+0,013
8	+0,032	4	+0,061	19	−0,006
	+0,020	13	−0,026	20	+0,017
10	+0,003	14	+0,050 +0,014 (t − 6.0)	22	−0,013

Anmerkung: Zu diesen Korrektionen ist noch zu bemerken, dass sich die Berechtigung für die manchmal vorkommende Trennung in kurze Zeitintervalle aus Notizen im Beobachtungsbuch ergab, z. B. durch mangelhaftes Arbeiten des Chronographen, Stehenbleiben der Uhr, Beteiligung zweier Beobachter zur rascheren Ausfüllung von Lücken, plötzlichen Witterungswechsel u. dgl. m.

Die endgültigen Rektascensionen sind dann nochmals nach der Kreislage geordnet und dabei für je 100 Sternnummern folgende mittlere Unterschiede Ost—West gefunden:

No. 1—99	+0ˢ006	No. 1000—1099	−0ˢ002	No. 2000—2099	0ˢ000
100—199	0.000	1100—1199	−0.003	2100—2199	−0.005
200—299	−0,002	1200—1299	+0.004	2200—2299	+0.003
300—399	−0.002	1300—1399	−0.001	2300—2399	0.000
400—499	+0.004	1400—1499	−0.002	2400—2499	+0.008
500—599	−0.005	1500—1599	+0.006	2500—2599	+0.008
600—699	−0.001	1600—1699	−0.002	2600—2699	+0.001
700—799	+0.002	1700—1799	−0.001	2700—2799	0.000
800—899	+0.002	1800—1899	−0.004		
900—999	−0.003	1900—1999	+0.002		

Der mittlere Unterschied für einen Stern beträgt ±0ˢ029, so dass eine verbürgte Differenz zwischen den Kreislagen kaum besteht.

Die Deklinationen.

Bei der Bearbeitung der Deklinationen kam zunächst die Berücksichtigung der Teilfehler in Betracht. Diese sind nun nicht ohne weiteres den Tabellen entnommen, welche im 5. Bde. der V. d. K. St. auf Grund der direkten Untersuchungen abgedruckt sind. Es ist vielmehr versucht worden, die Beobachtungen, bei denen ja stets die zwei benachbarten Striche eingestellt wurden, hierfür mit zu verwerten. Es fand sich, dass in der Tat alle Striche über die 8 Grad breite Zone eingestellt worden sind, freilich in nicht annähernd gleicher Häufigkeit, aber doch mindestens so oft, dass durch die Differenzen ein ziemlich genauer Wert für den Fehler des Intervalls resultierte. Besonders häufig sind natürlich diejenigen Striche benutzt, auf welche die Anhaltsterne fielen. Es wurden nun die direkten Bestimmungen der beiden äussersten vollen Gradstriche, welche durch die häufigen Wiederholungen grösseres Vertrauen verdienten als die nur zweimalige der Zwischenstriche, zugrunde gelegt und dann die aus den Beobachtungen folgenden Differenzen je zweier auf einander folgender Striche durch Addition angeschlossen. Eine Vergleichung der sich so ergebenden Teilfehler für die zwischenliegenden Gradstriche mit denen der direkten Bestimmung ergab aber stark ansteigende Differenzen, so dass angenommen werden musste, dass die abends gefundenen Teilfehlerdifferenzen systematisch im einen oder andern Sinn anders aufgefasst worden waren, als die am Tage gemessenen.

Digitized by Google

Es wurde daher zunächst ein fortschreitendes Korrektionsglied berechnet, um diese Unterschiede auszugleichen, dann aber vorgezogen, in einfacherer Weise wie folgt zu verfahren. Ausgehend von dem für 303° 0′ (bezw. 49° 0′) geltenden absoluten Teilfehler des Durchmessers wurde die Summe der für alle Zwischenstriche eines Grades gefundenen Teilfehlerunterschiede hinzugefügt und hiermit die Differenz der direkten Bestimmung verglichen. Es fanden sich aus den Abendbeobachtungen (a) und den direkten Bestimmungen (b) folgende Werte:

49—50°	(a) = −0″37	(b) = −0″82	303···304°	(a) = −0″82	(b) = −0″71
50—51	+0.26	+0.68	304—305	−0.04	−0.74
51—52	−0.49	+0.41	305—306	+0.47	+0.52
52—53	+0.03	+0.40	306—307	−0.52	−0.79
53—54	−0.66	−0.69	307—308	+0.09	+0.81
54—55	−0.50	−0.15	308···309	+0.06	+0.26
55—56	−0.28	+0.69	309—310	+0.58	+0.28
56—57	−0.53	+0.16	310—311	−0.41	−0.11

Dass die Fehleranhäufung bei der successiven Addition stellenweise recht erhebliche Beträge veranlassen würde, war zu erwarten, in der Regel fallen die stärkeren Abweichungen mit den Intervallen zusammen, für welche weniger Beobachtungen vorhanden waren oder wo bei der längeren Zwischenzeit der Beobachtungsperioden systematische Differenzen vor sich gegangen zu sein schienen. Die Differenzen (a)–(b) wurden dann gleichmässig auf die Zwischenstriche (3′ Intervall) verteilt. Aus den so resultierenden absoluten Teilfehlern der Durchmesser wurden dann endlich die Teilfehler für das Mittel aus zwei Strichen gebildet, die in der folgenden Tabelle abgedruckt sind. Dabei ist das Zeichen so zu verstehen, dass der Teilfehler mit demselben an die Deklination angebracht wird. Für die ausserhalb der eigentlichen Zone liegenden Grade reichte das Material für die Bestimmung in obiger Weise nicht aus und es blieb nichts anderes übrig, als hier einfach die Werte anzuwenden, welche sich aus der direkten Untersuchung ergeben hatten.

Mittel der Teilfehler je zweier benachbarter Durchmesser.

Kreis Ost.

Einstell.-Mikroskop	46°	47°	48°	49°	50°	51°	52°	53°	54°	55°	56°	57°	58°	59°
0′	−1″37	−1″01	−0″28	−0″98	−0″52	−0″76	−1″22	−1″68	−0″99	−1″11	−1″68	−1″81	−0″96	−1″42
3	−1.37	−0.80	−0.57	−1.24	−1.09	−0.94	−1.37	−1.59	−1.04	−1.58	−2.16	−1.94	−1.37	−2.03
6	−1.25	−1.20	−1.10	−1.64	−1.40	−1.05	−1.11	−1.23	−0.93	−1.47	−2.06	−1.74	−1.55	−1.75
9	−1.25	−1.37	−1.09	−1.18	−1.73	−1.00	−0.95	−1.43	−0.99	−1.42	−1.70	−1.76	−1.46	−1.19
12	−0.96	−0.98	−0.67	−1.03	−1.14	−0.88	−0.99	−1.25	−0.71	−0.88	−1.37	−1.38	−0.86	−0.55
15	−1.19	−0.85	−0.97	−1.31	−0.91	−1.18	−1.19	−1.28	−0.74	−0.75	−1.54	−1.54	−0.49	−1.24
18	−1.55	−1.18	−1.71	−1.57	−1.32	−1.32	−1.54	−1.74	−1.37	−1.16	−1.83	−2.09	−0.39	−2.04
21	−1.53	−1.54	−1.94	−1.72	−1.66	−1.58	−1.71	−1.85	−1.64	−1.24	−1.89	−2.10	−0.86	−1.90
24	−1.38	−1.26	−1.75	−1.82	−1.73	−1.65	−1.65	−1.81	−1.44	−1.28	−2.30	−2.14	−1.31	−2.02
27	−0.87	−0.69	−1.16	−1.26	−1.14	−1.09	−1.55	−1.36	−1.24	−0.82	−1.89	−1.68	−1.10	−1.40
30	−0.37	−0.79	−0.65	−0.85	−1.44	−1.20	−1.07	−1.19	−1.37	−0.68	−1.71	−1.28	−1.01	−1.58
33	−0.35	−1.14	−1.00	−1.39	−1.05	−1.55	−1.41	−1.44	−1.42	−1.09	−2.02	−1.36	−1.35	−2.38
36	−0.95	−1.09	−1.31	−1.26	−1.62	−1.73	−1.57	−1.71	−1.15	−0.98	−1.81	−1.44	−1.21	−1.84
39	−1.49	−1.17	−1.38	−1.27	−1.69	−1.49	−1.58	−1.73	−1.10	−1.07	−1.85	−1.46	−1.18	−1.64
42	−1.10	−0.84	−1.00	−1.42	−1.68	−1.26	−1.57	−1.18	−0.87	−1.12	−1.60	−1.22	−1.19	−1.68
45	−1.03	−0.62	−1.03	−1.41	−1.58	−1.31	−1.46	−1.31	−1.11	−1.43	−1.60	−1.72	−0.91	−1.67
48	−1.43	−0.98	−1.43	−1.51	−1.51	−1.48	−1.75	−1.81	−1.71	−2.15	−1.89	−2.04	−1.05	−2.21
51	−1.54	−1.23	−1.42	−1.18	−1.36	−1.63	−1.76	−1.55	−1.53	−1.95	−2.02	−1.46	−1.29	−1.93
54	−1.56	−1.08	−1.35	−0.93	−1.35	−1.62	−1.47	−1.44	−1.12	−1.51	−2.26	−1.29	−1.39	−1.19
57	−1.36	−0.53	−0.98	−0.44	−0.94	−1.37	−1.43	−1.15	−0.78	−1.35	−1.92	−0.88	−1.13	−0.70

Digitized by Google

Kreis West.

Einstell. Mikroskop	300°	301°	302°	303°	304°	305°	306°	307°	308°	309°	310°	311°	312°	313°
0′	−1″66	−0″87	−1″47	−0″51	−0″80	−1″34	−1″18	−1″35	−1″17	−0″02	−1″03	−0″71	−0″30	+0″21
3	−0″88	−0″51	−1″11	−0″40	−0″18	−0″01	−0″87	−0″33	−1″06	+0″17	−0″53	−0″32	−0″17	+0″07
6	−0″89	−0″77	−0″61	−0″45	−0″50	−0″57	−0″56	−0″33	−1″19	−0″26	−0″71	−0″47	−0″01	+0″15
9	−0″99	−1″16	−0″79	−0″89	−0″97	−0″90	−0″63	−0″57	−1″03	−0″52	−0″86	−0″74	+0″02	−0″14
12	−1″16	−1″05	−1″57	−1″19	−1″28	−1″84	−1″13	−0″99	−1″18	−0″42	−1″20	−1″11	−0″59	−0″58
15	−0″94	−1″47	−1″46	−0″85	−1″18	−1″82	−0″95	−0″53	−1″27	−0″27	−1″16	−1″09	−0″71	−0″08
18	−0″61	−0″75	−1″07	−0″04	−0″76	−0″63	−0″54	−0″06	−1″06	−0″05	−0″53	−0″76	−0″30	+0″70
21	−0″45	−0″52	−0″87	−0″22	−0″38	−0″79	−0″08	−0″27	−0″71	−0″17	−0″19	−0″41	−0″06	+0″73
24	−1″56	−0″26	−0″41	−0″82	−0″36	−0″06	−0″52	−0″25	−0″78	−0″32	−0″63	−0″17	−0″17	+0″51
27	−1″13	−0″78	−0″64	−1″33	−1″02	−1″47	−0″87	−0″82	−1″40	−0″75	−1″22	−0″80	−0″44	+0″07
30	−0″80	−0″60	−0″42	−1″11	−0″67	−1″48	−0″83	−0″03	−1″22	−0″47	−1″05	−0″93	+0″03	+0″45
33	−0″17	−0″05	−0″08	−0″35	−0″02	−0″62	−0″70	−0″57	−0″44	+0″08	−0″89	−0″16	+0″39	+0″82
36	−0″30	−0″51	−0″33	−0″35	−0″44	−0″43	−0″02	−0″44	−0″43	−0″25	−1″05	−0″16	+0″59	+0″56
39	−0″72	−0″10	−0″76	−0″30	−0″79	−0″68	−0″71	+0″09	−0″43	−0″40	−0″76	−0″22	+0″82	+0″59
42	−1″40	−0″67	−1″58	−0″57	−1″34	−1″02	−1″11	−0″32	−0″93	−0″56	−0″90	−0″48	+0″32	−0″01
45	−0″95	−0″90	−1″74	−0″60	−1″42	−1″24	−0″75	−0″08	−1″22	−0″74	−0″86	−0″95	−0″01	−0″32
48	−0″17	−0″41	−0″76	−0″25	−0″78	−0″69	−0″38	−0″80	−0″78	−0″55	−0″88	−0″42	+0″26	+0″31
51	−0″53	−0″53	−0″37	−0″43	−0″78	−0″64	−0″07	−0″88	−1″00	−0″17	−0″07	−0″17	+0″40	+0″07
54	−0″53	−0″42	−0″57	−0″62	−0″96	−0″83	−1″04	−0″86	−0″99	−0″26	−0″44	−0″49	+0″24	+0″73
57	−0″77	−0″01	−0″59	−1″02	−1″56	−1″12	−1″01	−1″16	−1″10	−0″85	−0″75	−0″47	−0″28	+0″25

Die Teilfehler wurden nun zunächst an die einzelnen Striche angebracht, aus denen für jeden Abend der Run abgeleitet worden war. Es stellte sich aber, nachdem diese Anbringung für eine grosse Anzahl Tage erfolgt war, heraus, dass sie unbedenklich unterlassen werden konnte. Allerdings wurde die Sicherheit des Runwerts eine nicht unerheblich grössere, indem der mittlere Fehler einer einzelnen Runeinstellung von im Mittel ±0″68 auf ±0″37 herunterging, was zugleich einen Anhalt für die Genauigkeit der Teilfehlerbestimmung gab, aber der absolute Wert war immer so nahe der gleiche geblieben, dass die grössten Abweichungen nur bis auf 0″05 anstiegen, ein Betrag, der gegenüber den sonstigen Ungenauigkeiten der Kreisablesungen vernachlässigt werden durfte.

Darnach wurden die Kreisablesungen der Anhaltsterne verbessert und daraus die Äquatorpunkte neu abgeleitet. Dabei wurden nun auch überall die verbesserten Sternörter nach dem Auwerrschen Verzeichnis (A.N. No. 2890,91) bezw. dem Berl. Jahrbuch zugrunde gelegt. Im allgemeinen wurde die Übereinstimmung der Äquatorpunkte eine erheblich günstigere, indem sich der mittlere Fehler aus einem Stern zu ±0″45 fand. Immerhin blieben so deutlich hervortretende konstante Differenzen für die einzelnen Sterne übrig, dass von der Herleitung empirischer Korrektionen nicht abgesehen werden konnte, wonach also der Erfolg der umständlichen Teilfehleruntersuchung doch kein befriedigender ist. Der Kreis wird in Zukunft wohl schwerlich noch für grössere Reihen von Deklinationsbestimmungen Verwendung finden, wo der Repsoldsche Kreis die ungeheuere Überlegenheit der modernen Instrumente gerade auf diesem Gebiet zeigt. Sollten aus dem einen oder anderen Grunde doch die Beobachtungen wieder aufgenommen werden, so würde es wohl am ratsamsten sein, die Teilfehler durch Kreisdrehung, worauf er eingerichtet ist, tunlichst zu eliminieren.

Zur Ermittlung der erwähnten empirischen Sternkorrektionen wurden die Äquatorpunkte zunächst zu Zonenmitteln vereinigt und die von der Zeit abhängige Veränderung nach der Methode der kleinsten Quadrate berechnet. Es konnten die so gefundenen Werte freilich nur als eine erste Näherung angesehen werden, da die etwa vorhandenen Fehler in den Sternörtern, ganz besonders aber die doch nicht zu umgehende Fehlerquelle in der Ungenauigkeit der Teilfehlerbestimmung oder der Verschiedenartigkeit der Einstellung auf die oft sehr unscharfen und ausgezackten Striche das Resultat stark verfälschen mussten. Die Abweichungen der einzelnen Äquatorpunkte vom Mittel wurden dann als empirische Sternkorrektionen aufgefasst und zu Mittelwerten vereinigt, wie dies auch schon früher (vgl. Bd. IV p. VIII) geschah, dort jedoch ohne eine von der Zeit abhängige Veränderung einzuführen. Auch dieses Mal wurden die Fälle von einander

Digitized by Google

getrennt, wo bei der Einstellung andere Striche benutzt worden waren. Manche der Korrektionen haben sich wegen geringer Zahl der Beobachtungen unsicher bestimmt, im allgemeinen kamen sie aber deutlich zum Ausdruck, was schon aus der weiteren Verringerung des mittleren Fehlers des Äquatorpunktes aus einem Stern hervorgeht.

Die so gefundenen Korrektionen sind folgende:

Name des Sterns	Kreis Ost		Kreis West		Name des Sterns	Kreis Ost		Kreis West	
	Strich	Korrektion	Strich	Korrektion		Strich	Korrektion	Strich	Korrektion
4 Ceti . . .	52° 6′	−0″29	307° 38′	+0″20	o Eridani . .	56° 3′	+0″77	303° 51′	−0″24
	52 9	−0.22	307 51	+0.06		56 6	−0.20		
ι Ceti . . .	58 21	+0.35	301 33	−0.74	A Eridani . .	59 27	−0.41	300 27	−0.14
	58 24	+0.03				59 30	−1.42		
12 Ceti . . .	53 30	−0.51	306 24	−0.24	ξ Eridani . .	52 57	−0.11	307 0	+0.28
	53 33	+0.10	306 27	+0.25				307 3	+0.31
15 Ceti . . .	50 3	+0.27	309 54	+0.46	45 Eridani . .	49 15	+0.15	310 42	−0.23
	50 6	−0.42			ν Eridani . .	52 30	+0.31	307 24	−0.11
26 Ceti . . .	48 9	+0.36	311 45	−0.13		52 33	+0.08	307 27	−0.31
	48 12	+0.67			μ Eridani . .	52 24	+0.11	307 30	+0.15
η Ceti . . .	59 42	−0.16	300 12	−0.35		52 27	−0.02	307 33	+0.01
			300 15	−0.63				307 36	+0.46
39 Ceti . . .	52 0	−0.24	307 54	+0.40	π_4 Orionis . .	46 42	+0.24	313 12	−0.15
	52 3	−0.43						313 15	−0.12
ϑ Ceti . . .	57 42	−0.87	302 15	−0.17	β Eridani . .	54 12	−0.11	305 45	+0.05
P. I. 167 . .	55 12	+0.39	304 42	0.00				305 48	−0.04
	55 15	+0.25			λ Eridani . .	57 51	−0.42	302 6	+0.19
ζ Ceti . . .	59 48	−1.02	300 6	+0.26				302 9	−0.54
	59 51	−0.52			β Orionis . .	57 15	−0.23	302 39	−0.02
ξ Piscium . .	46 18	+1.06	313 36	−0.66		57 18	−0.67		
	46 21	+0.47	313 39	−0.02	τ Orionis . .	55 54	+0.04	304 0	−0.10
61 Ceti . . .	49 48	+0.68	310 6	+0.21				304 3	−0.40
	49 51	+0.04	310 9	+0.03	η Orionis . .	51 27	−0.26	308 27	−0.37
62 Ceti . . .	51 48	+0.40	308 9	−0.08				308 30	−0.14
	51 51	−0.10			ϑ Orionis . .	49 21	−0.19	310 36	−0.03
67 Ceti . . .	55 51	+0.60	304 3	−0.37				310 39	+0.35
	55 54	−0.49			ϑ_2 Orionis . .	54 27	(−0.39)	305 33	+1.04
o Ceti . . .	52 24	−0.11	307 30	+0.04	ε Orionis . .	50 15	−0.24	309 45	+0.25
81 Ceti . . .	52 48	+0.21	307 6	+0.41	σ Orionis . .	51 36	+0.34	308 18	−0.17
	52 51	−0.38				51 39	+0.29	308 21	+0.17
ϑ Ceti . . .	49 0	+0.47	310 51	−0.27	κ Orionis . .	58 39	−0.24	301 15	−0.38
	49 9	+0.35						301 18	−0.66
γ Ceti . . .	49 12	+0.40	313 45	−0.32				301 21	+0.02
η Eridani . .	58 15	+0.17	301 39	+0.13	LL. 11382 . .	52 3	−0.29	307 51	+0.87
	58 18	−0.15						307 54	+0.71
94 Ceti . . .	50 33	−0.30	309 21	+0.06				307 57	+0.68
	50 36	−0.12	309 24	+0.51	66 Orionis . .	44 48	(+0.61)	315 6	+0.02
ζ Eridani . .			301 15	−0.78				315 9	−0.29
			301 48	−0.35				315 12	−0.22
17 Eridani . .	54 24	−0.05	305 30	+0.26	5 Monocerotis .	55 12	+0.25	304 42	−0.13
	54 27	+0.12	305 33	+0.13				304 45	−0.06
			305 36	+0.10				304 48	−0.39
ε Eridani . .	58 45	+0.64	301 9	−0.44	6 Monocerotis .	59 39	+0.10	300 15	+0.03
	58 48	−0.35	301 12	−0.71				300 18	−0.61
ϑ Eridani . .	59 3	−0.27	300 51	−0.80				300 21	−0.08
			300 54	+0.02	8 Monocerotis .	44 18	(−0.07)	315 39	−0.12
24 Eridani . .	50 27	−0.49	309 27	+0.50	10 Monocerotis .	53 39	−0.01	306 15	+0.38
	50 30	−0.08	309 30	+0.28				306 18	+0.43
30 Eridani . .	54 39	+0.29	305 18	+0.26	P. VI, 203 . .	48 21	+0.09	311 33	−0.13
			305 21	+0.32					

Digitized by Google

Name des Sterns	Kreis Ost Strich	Korrektion	Kreis West Strich	Korrektion	Name des Sterns	Kreis Ost Strich	Korrektion	Kreis West Strich	Korrektion
18 Monocerotis	46° 24′	+0°88	313° 30′	−0°83	ϑ Crateris	58° 6′	+0°30	301° 51′	−0°32
	46 27	+0.59	313 33	−0.74		58 9	−0.20		
19 Monocerotis	53 3	−0.28	306 51	+1.03	ν Leonis	49 9	−0.10	310 48	+0.45
			306 54	+0.20		49 12	−0.01		
			306 57	+0.44	β Virginis	46 33	+0.24	313 24	−0.61
20 Monocerotis	53 0	+0.03	306 54	−0.21	M. 499	51 27	−0.05	308 27	+0.09
	53 3	+0.19	306 57	+0.17		51 30	+0.07		
25 Monocerotis	52 48	−0.23	307 6	+0.20	Ll. 22585	58 45	−0.01	301 9	−0.50
	52 51	−0.09	307 9	+0.35		58 48	+0.14	301 12	−0.15
P. VII, 85	57 45	−0.33	302 12	+0.14	η Virginis	49 0	+0.10	310 54	+0.36
26 Monocerotis	58 15	+0.04	301 39	−0.55		49 3	+0.31	311 0	−0.36
			301 42	−0.14	M. 510	52 57	+0.09		
			301 45	−1.17	χ Virginis	56 18	−0.11	303 33	−0.21
27 Monocerotis	52 18	+0.08	307 33	+0.21		56 21	−0.23	303 39	−0.42
	52 21	+0.02	307 36	+0.12	γ Virginis	49 45	−0.26	310 12	+0.24
			307 39	−0.08		49 48	+0.13		
Br. 1197	52 30	−0.01	307 24	−0.18	M. 522	54 39	−0.43	305 15	−0.48
			307 27	−0.06		54 42	+0.35		
			307 30	+0.22	ψ Virginis	57 51	−0.50	302 0	+0.22
Br. 1212	56 33	−0.17	303 21	+0.16		57 54	−0.38	302 6	−0.20
			303 24	−0.08	ϑ Virginis	53 51	−0.05	306 0	−0.18
			303 27	+0.75		53 54	+0.17	306 3	−0.02
ε Hydrae	42 9	+0.78	317 51	−0.17		53 57	+0.30	306 6	−0.30
P. VIII, 167	50 27	−0.07	309 27	+0.70	α Virginis	59 30	−0.02	300 27	+0.09
15 Hydrae	55 42	+0.52	304 12	+0.08	72 Virginis	54 51	+0.07	305 3	−0.38
	55 45	+0.30	304 15	+0.60		54 54	−0.03	305 6	+0.01
ζ Hydrae			317 24	+0.02				305 9	−0.20
19 Hydrae	57 6	−0.41	302 48	+0.03	ζ Virginis	49 0	+0.28	310 54	+0.78
			302 51	−0.28				311 0	+0.23
			302 54	−0.26	m Virginis	57 3	−0.64	302 48	+0.03
ϑ Hydrae	46 9	+0.25	313 42	−0.69		57 6	−0.36	302 51	+0.23
	46 12	+0.55	313 45	−0.27				302 54	+0.51
			313 48	−0.33	p Virginis	49 54	+0.06	310 0	+0.03
α Hydrae	57 9	−0.32	302 45	+0.68		49 57	+0.28	310 3	+0.34
			302 48	+0.50				310 6	−0.07
τ^2 Hydrae	49 39	+0.31	302 51	−0.26	τ Virginis	46 51	+0.07	313 0	+0.30
			310 18	+0.10	$\varkappa$ Virginis	46 54	+0.34	313 6	−0.42
			310 21	+0.29		58 42	+0.13	301 12	−0.88
6 Sextantis	52 39	−0.30	307 12	−0.09		58 45	−0.30	301 15	−0.63
	52 42	−0.11	307 15	−0.05				301 18	−1.34
			307 18	+0.01	ι Virginis	54 24	−0.03	305 33	+0.30
22 Sextantis	56 27	−0.14	303 27	−0.23		54 27	+0.07		
	56 30	+0.30	303 30	−0.39	φ Virginis	50 39	−0.16	309 12	+0.11
25 Sextantis	52 27	+0.24	307 27	−0.34		50 42	−0.43	309 18	+0.67
	52 30	+0.41	307 30	−0.24	μ Virginis	54 6	+0.08	305 45	−0.07
Br. 1462	56 0	−0.67	303 54	−0.04		54 9	−0.27	305 48	+0.43
	56 3	+0.05	303 57	−0.46				305 51	+0.03
33 Sextantis	50 6	+0.04	309 48	+0.93	109 Virginis	46 33	+0.23	313 18	−0.53
	50 9	−0.25	309 51	+0.43		46 36	+0.08		
41 Sextantis	57 18	−0.30			15 Librae	59 57	+0.52	300 0	−0.01
f^2 Leonis	50 48	−0.16	309 3	+0.19	δ Librae	57 0	−0.23	302 54	−0.37
	50 51	−0.30	309 9	+0.08		57 3	−0.48	302 57	−0.76
74 Leonis	52 0	+0.18	307 54	+0.09	β Librae	57 54	+0.11	301 57	−0.35
	52 3	+0.13	308 0	+0.05		57 57	+0.42	302 0	−0.29
e Leonis	51 18	−0.11	308 33	+0.63				302 3	+0.24
	51 21	−0.40	308 39	+0.49	8 Serpentis	49 33	+0.17	310 18	+0.60
						49 36	+0.27	310 21	+0.08
								310 24	−0.06

Digitized by Google

Name des Sterns	Kreis Ost Strich	Korrektion	Kreis West Strich	Korrektion	Name des Sterns	Kreis Ost Strich	Korrektion	Kreis West Strich	Korrektion
37 Librae	58°39′	−0″21	301°15′	−0″40	ε Aquilae	51°37′	−0″21	307°57′	+0″32
			301 18	−0.77		52 0	−0.24	308 0	+0.34
			301 21	−1.03	39 Aquilae	56 15	−0.22	303 42	+0.10
μ Serpentis	52 0	+0.23	307 51	+0.60				303 45	−1.08
	52 3	+0.10	307 54	+0.53	51 Aquilae	59 57	−0.51	299 57	−0.39
			307 57	+0.18		60 0	−0.40		
δ Ophiuchi	52 21	−0.34	307 33	+0.26	η Aquilae	48 12	+0.95	311 42	−0.07
	52 24	−0.58	307 36	+0.32		48 15	+0.10	311 45	+0.03
ε Ophiuchi	53 21	+0.18	306 30	+0.10	Ll. 38458	56 0	−0.57	303 54	−0.31
	53 24	+0.05	306 33	−0.09	ϑ Aquilae	50 0	+0.18	309 48	−0.10
			306 36	+0.18		50 6	+0.69	309 51	−0.09
λ Ophiuchi	46 42	+0.47	313 9	−0.40		50 9	+0.03		
	46 45	+0.68	313 12	−0.60	M. 842	59 9	−0.36	300 45	−0.03
			313 15	−0.93	70 Aquilae	51 51	+0.15	308 3	+0.15
12 Ophiuchi	51 0	−0.19	308 51	+0.58		51 54	−0.01	308 6	−0.10
	51 3	−0.30	308 57	+0.54	ε Aquarii	58 51	0.00	301 6	−0.18
ζ Ophiuchi	59 15	−0.57	300 36	−0.74	11 Aquarii	54 6	−0.01	305 48	−0.10
	59 18	−0.46	300 39	−0.83		54 9	+0.05	305 51	+0.35
			300 42	+0.34	16 Aquarii	53 57	−0.03	305 57	+0.17
14 Ophiuchi	47 33	+0.29	312 21	−0.04		54 0	−0.47		
	47 36	+0.25	312 24	−0.71	β Aquarii	54 54	−0.17	304 54	+0.19
20 Ophiuchi	59 30	−0.25	300 21	−0.30		55 0	+0.12	304 57	−0.07
	59 33	−0.58	300 24	+0.11		55 3	+0.02		
			300 27	−0.35	P. XXI, 320	53 39	+0.39	306 12	−0.18
30 Ophiuchi	53 0	+0.39	306 54	+0.04		53 42	−0.30		
			306 57	+0.13		53 45	−0.09		
41 Ophiuchi	49 15	+0.04	310 36	+0.43		53 48	−0.21		
			310 39	+0.16	α Aquarii	49 48	−0.14	310 9	+0.17
			310 42	0.00		49 51	+0.03		
27 H. Ophiuchi	53 54	−0.63	305 57	−0.07	ϑ Aquarii	57 15	+0.17	302 39	−0.56
	53 57	−0.13	306 3	−0.02	γ Aquarii	50 54	+0.17	309 3	−0.04
μ Ophiuchi	57 0	−0.43	302 54	−0.11		50 57	+0.65		
			302 57	−0.40	η Aquarii	49 36	+0.57	310 18	+0.22
γ Ophiuchi	46 12	+0.36	313 42	−0.21		49 39	+0.30		
			313 45	−0.09	λ Aquarii	57 6	−0.22	302 48	+0.35
ν Ophiuchi	58 42	−0.40	301 12	+0.13				302 51	−0.53
67 Ophiuchi	46 0	+0.57	313 54	−0.20	Br. 3033	54 21	+0.20	305 36	+0.03
			313 57	−0.31		54 24	−0.14		
η Serpentis	51 51	−0.11	308 3	+0.56	b Aquarii	57 12	−0.37	302 42	−0.17
	51 54	−0.34	308 6	+0.54	γ Piscium	46 15	+0.76	313 39	−0.89
5 H. Scuti	57 18	+0.16	302 36	−0.22		46 18	+0.59		
	57 21	−0.68			κ Piscium	48 15	+0.73	311 39	+0.09
6 H. Scuti	53 48	+0.35	306 9	+0.19		48 18	−0.10		
λ Aquilae	54 0	+0.09	305 54	+0.16		48 21	−0.14		
			305 57	+0.33	M. 974	57 0	−0.37	302 54	−0.64
			306 0	−0.42	M. 986	59 30	−0.06	300 24	+0.99
20 Aquilae	57 3	−0.19	302 51	−0.11		59 33	−0.65		
ϑ Aquilae	46 3	+0.49	313 51	−0.04	27 Piscium	53 0	−0.22	306 48	+0.10
	46 6	−0.29	313 54	−0.38		53 9	+0.02	306 51	+0.20

Eine Vergleichung mit den früher gefundenen Werten zeigt oft recht beträchtliche Abweichungen, jedoch kommt dafür in Betracht, dass bei der früheren Bestimmung die Teilfehler gar keine Berücksichtigung gefunden hatten, sodass diese damals in der Korrektion noch voll zum Ausdruck kamen. Im allgemeinen sind die Korrektionen viel geringer ausgefallen, was auch vorzugsweise der Anbringung der Teilfehler zuzuschreiben ist. Es findet sich z. B., dass bei der früheren Ableitung unter 286 Korrektionen 59, d. h.

Digitized by Google

20,6 % den Betrag von 0".70 übersteigen, während nach der neuen Bestimmung dies unter 516 Fällen nur 36 mal, d. h. bei 7,0 % vorkommt.

Diese Korrektionen wurden nun an die ursprünglichen, nur wegen Teilfehler verbesserten Äquatorpunkte angebracht und darauf eine neue Ausgleichung nach der Meth. d. kl. Q. vorgenommen. Es wäre für eine bessere Darstellung der Beobachtung vielleicht nicht unzweckmässig gewesen, hiernach eine nochmalige Ermittlung der empirischen Korrektion und dann erst eine letzte Ausgleichung vorzunehmen. Es musste aber davon abgesehen werden, um die Fertigstellung des Katalogs nicht noch weiter zu verzögern, ausserdem liess sich aus mancherlei gelegentlichen Untersuchungen auf eine doch nur sehr geringfügige Verbesserung der definitiven Deklinationen schliessen, die kaum im richtigen Verhältnis zu dem grossen Zeitaufwand, den diese nochmalige Ausgleichung gefordert hätte, stand. Aus diesen neuen Äquatorpunkten und ihren Veränderungen wurden die Unterschiede gegen die früher in den Veröffentlichungen der Karlsruher Sternwarte benutzten Grössen berechnet und darnach die Örter der Katalogsterne nach Anbringung der Teilfehler verbessert.

Mit Hilfe der Präcession wurden alle Beobachtungen auf die Epoche 1890.0 reduziert. Wären nun die Teilfehler genau bestimmt und das angewandte Reduktionsverfahren erschöpfend gewesen, so hätten zunächst die in verschiedenen Kreislagen erhaltenen und zu Mitteln vereinigten Beobachtungen keine erheblichen Abweichungen zeigen und sich ausserdem keine systematischen Korrektionen für die einzelnen Tage finden dürfen. Andere systematische Fehlerquellen waren bei der eng begrenzten zonenmässigen Beobachtung kaum zu befürchten. Was zunächst wieder den Einfluss der Teilfehler betrifft, so ergibt eine Vergleichung mit den ohne Rücksicht auf die Teilfehler abgeleiteten Resultaten sofort im allgemeinen eine Verringerung des Unterschiedes zwischen den beiden Kreislagen, häufig selbst eine befriedigende Übereinstimmung, es bleiben aber oft auch noch Unterschiede zurück, die die nicht genaue Ermittlung der Teilfehler beweisen. Es ist daher für die schliessliche Sicherheit der Deklinationen günstig, dass die Beobachtungen in beiden Kreislagen und oft selbst in den einzelnen Kreislagen noch an verschiedenen Stellen des Kreises angestellt wurden. Ausser diesen von den Teilfehlern abhängigen Unterschieden liessen sich aber ebenso wie bei den Rektascensionen deutlich systematische Tagesunterschiede erkennen. Es konnte dies auch nicht überraschen, da bei der Ableitung der Äquatorpunkte und ihrer Veränderungen unsichere Reduktionsfaktoren hatten benutzt werden müssen. Nicht selten waren für die Veränderung der Nullpunkte Werte gefunden, die höchst unwahrscheinlich erschienen, die aber nichtsdestoweniger als Ergebnis der Ausgleichungsrechnung angenommen werden mussten, um der Willkürlichkeit zu entgehen. Die Ableitung der systematischen Tageskorrektion bot aber bei den Deklinationen grössere Schwierigkeiten als bei den Rektascensionen und liess sich ausserdem nicht mit der gleichen Sicherheit durchführen. Während nämlich bei den Rektascensionen fast ausnahmslos die Mittel aus 6 Beobachtungen und die Abweichungen von diesem Mittel hatten verwandt werden können, mussten bei den Deklinationen die Kreislagen von einander getrennt werden und selbst innerhalb derselben Kreislage mussten auch die Fälle unterschieden werden, in denen die Einstellung auf verschiedene Striche erfolgt war. Im Maximum beruhte daher das Mittel nur auf 3 Beobachtungen, eine ganze Anzahl Sterne musste aber überhaupt bei dieser Untersuchung ausgeschieden werden, wo infolge der Einstellung auf verschiedene Striche die Mittelbildung nicht möglich war. Wenn darnach die sich für die Deklinationen ergebenden Tagesunterschiede auch nicht die gleiche Sicherheit wie für die Rektascensionen beanspruchen können, so sind sie in der Hauptsache doch immerhin als verbürgt anzusehen. Es hat sich namentlich als charakteristisch herausgestellt, dass in der Regel gerade die vorhin erwähnten unwahrscheinlichen Werte der Bewegung des Äquatorpunkts durch die so ermittelten Korrektionen im vermuteten Sinn umgewandelt wurden. Während bei den Rektascensionen die Berechnung durch tunlich strenge Ausgleichung erfolgte, wandte ich bei den Deklinationen durchweg ein graphisches Verfahren an. In der Regel war die mit der Zeit fortschreitende Korrektion deutlich ausgesprochen, manchmal schien sie nicht einfach der Zeit proportional verlaufen zu sein und es wäre durch Einführung einer Kurve oder eines quadratischen Gliedes eine bessere Übereinstimmung erreicht. Ich habe aber doch nach ziemlich zahlreichen derartigen Versuchen von dieser nicht von Willkür freien Darstellungsweise (einige ganz vereinzelte Fälle ausgenommen) abgesehen, und solche anscheinend zusammengesetzten Korrektionen durch das einfache arithmetische Mittel ersetzt. Selbstverständlich wurden alle die Tage, an denen das Material zu gering war, unberücksichtigt gelassen. Das betrifft also zum grossen Teil auch die Beobachtungen der letzten Zeit, wo es auf die Ausfüllung von Lücken ankam. Ebenso sind hier, wie auch früher bei Ableitung der empirischen Sternkorrektionen, die Herbstbeobachtungen 1891 aus der Bd. IV p. IX erwähnten Ursache unberücksichtigt geblieben.

Digitized by Google

Die Reduktionen der Deklinationen sind in ihrer Gesamtheit von mir selbst ausgeführt, nur bei der Ableitung der Tageskorrektionen hat mich Herr Dr. Bemporad für einen Teil der Beobachtungen des Jahres 1893 unterstützt.

In der folgenden Tabelle führe ich die vollständigen Korrektionen, die aus der Änderung des Äquatorpunktes wie die aus den Tagesabweichungen hervorgehenden unter $\Delta N + C$ auf. Das Zeichen (im Hauptgliede stets positiv) ist so zu verstehen, dass die sich ergebende Grösse mit demselben an die Deklination anzubringen ist. Es wird also die in den Karlsruher Veröffentlichungen angegebene, auf den betreffenden Jahresanfang bezogene mittlere Deklination δ' auf den als definitiv angenommenen Wert δ für 1890.0 reduziert indem man bildet:

$$\delta = \delta' + (\Delta N + C) + \text{Teilfehler} + \text{Präcession}.$$

Wo sich bei der erneuten Reduktion Fehler in den δ' ergaben, sind diese natürlich entsprechend geändert, die einzelnen Fälle werden aber hier nicht besonders aufgeführt.

Datum	Tageskorrektion in Dekl. $\Delta N + C$	Datum	Tageskorrektion in Dekl. $\Delta N + C$	Datum	Tageskorrektion in Dekl. $\Delta N + C$
1882		1882		1883	
Febr. 2	1″.46 +0″.17 (t^h— $3^h.5$)	Juli 3	2″.14 —0″.25 (t^h—$16^h.5$)	April 3	0″.72 —0″.08 (t^h—$11^h.5$)
3	1.96 —0.15 (t — 3.0)	14	2.43 —0.23 (t —16.5)	7	1.02 —0.06 (t —11.5)
7	1.78 +0.03 (t — 3.5)	18	2.09 —0.18 (t —17.0)	26	1.15 —0.20 (t —11.0)
	2.33 —0.54 (t — 7.5)	19	1.72 +0.09 (t —17.0)	Mai 4	0.69 —3.50 (t —11.5)
8	2.25 —0.54 (t — 3.5)		2.20 +0.08 (t —20.0)	8	0.78 —0.14 (t —14.0)
	1.90 +0.28 (t — 7.5)	22	2.23 —0.18 (t —17.0)	9	1.01 —0.72 (t —14.0)
11	1.19 +0.54 (t — 3.5)		1.13	15	1.51 —0.27 (t —12.5)
16	1.64 +0.17 (t — 4.0)	24	2.84 —0.11 (t —17.0)	16	1.31 —0.06 (t —14.0)
22	2.13 —0.33 (t — 7.5)		2.31 —0.11 (t —19.5)	17	0.55 +0.06 (t —14.0)
März 2	1.86 —0.13 (t — 8.5)	28	2.33 —0.08 (t —17.0)	21	1.13 —0.11 (t —14.0)
3	1.71 +0.56 (t — 5.5)		2.38 —0.08 (t —19.5)	22	1.43 —0.09 (t —13.5)
5	1.90 —0.71 (t — 5.5)	Okt. 19	1.35 +0.48 (t —21.5)	25	1.28 —0.02 (t —13.5)
	2.36 +0.54 (t — 8.5)	21	0.58 +0.80 (t — 0.0)	Juni 4	1.22 —0.26 (t —14.5)
8	1.91 —0.09 (t — 8.0)	30	1.48 —0.03 (t —23.0)	6	0.80 —0.41 (t —14.5)
9	1.92 —0.06 (t — 7.5)	31	0.65 +1.58 (t — 0.5)		1.55 —0.41 (t —16.5)
10	2.48 —1.68 (t — 5.5)	Nov. 6	1.59 —0.10 (t — 2.0)	8	1.32 +0.16 (t —15.0)
	1.77 +0.09 (t — 8.5)	Dez. 15	0.18 +1.07 (t — 0.0)	13	1.86 +0.10 (t —16.5)
11	2.20 —0.30 (t — 8.0)	1883		27	2.32 +0.17 (t —17.0)
14	1.94 —0.24 (t — 6.0)	Jan. 4	1.86 —0.51 (t — 3.5)	28	2.00 +0.38 (t —16.5)
	1.93 +0.03 (t — 9.5)		1.70 —0.25 (t — 6.0)	1884	
15	3.05 —0.72 (t — 6.0)	7	1.86 —0.10 (t — 3.5)	Febr. 19	2.44 —0.23 (t — 6.5)
	1.99 —0.30 (t — 9.5)		2.38 —0.16 (t — 5.5)		2.05 —0.03 (t — 9.0)
16	4.07 —1.30 (t — 6.0)	8	2.37 +0.40 (t — 5.5)	20	2.06 —0.07 (t — 6.5)
	1.80 —0.17 (t — 9.5)	9	2.15 +0.17 (t — 5.5)		2.49 —0.61 (t — 9.0)
18	1.52 +0.05 (t — 8.0)	10	2.15 —0.44 (t — 4.5)	Mai 11	1.83 +0.05 (t —12.5)
24	2.12 —2.12 (t —10.0)	12	1.62 +0.13 (t — 3.5)	26	1.87 —0.26 (t —15.5)
April 7	1.70 —0.46 (t —10.0)		2.28 +0.73 (t — 6.0)	27	1.43 +0.20 (t —14.5)
8	1.88 —0.55 (t — 8.5)	14	2.14 +0.16 (t — 6.0)	29	1.87 —0.09 (t —14.5)
	1.34 —0.49 (t —11.5)	24	0.88 +0.07 (t — 6.0)	Juli 2	1.50
Mai 11	2.58 —0.22 (t —12.0)	26	0.27 +0.83 (t — 3.5)	12	2.34 +0.63 (t —16.5)
12	1.82 —0.55 (t —11.5)	28	1.21 —0.35 (t — 3.0)	14	0.42 +1.00 (t —18.5)
13	2.61 —0.69 (t —11.5)		0.96 —0.27 (t — 6.0)	16	1.55 —0.50 (t —19.0)
	1.81 —0.12 (t —14.5)	29	2.03 —0.40 (t — 5.5)	20	0.52 +2.24 (t —19.5)
18	1.83 +0.13 (t —12.0)	Febr. 5	0.76 +0.16 (t — 6.0)	23	1.47 +0.11 (t —18.5)
19	1.46 +0.07 (t —12.5)	6	1.32 —0.74 (t — 6.0)	Aug. 2	1.69 +0.26 (t —19.5)
22	2.19 —0.73 (t —13.5)		0.85	6	1.04 —0.11 (t —17.5)
		20	1.36 —0.65 (t — 5.5)	7	1.13 —0.74 (t —19.0)
Juni 24	2.00 —0.18 (t —17.0)	April 3	0.64 —0.61 (t — 9.5)	8	0.12 +0.45 (t —17.5)

Digitized by Google

Datum	Tageskorrektion in Dekl. $\Delta N + C$	Datum	Tageskorrektion in Dekl. $\Delta N + C$	Datum	Tageskorrektion in Dekl. $\Delta N + C$
1884		1885		1885	
Aug. 15	$0^{s}.41$ $+0^{s}.25$ ($t^{h}-18^{h}.5$)	Febr. 8	$1^{s}.29$ $-0^{s}.20$ ($t^{h}-8^{h}.0$)	Juli 15	$1^{s}.31$ $-0^{s}.10$ ($t^{h}-17^{h}.0$)
16	0.64 +0.53 (t −19.5)	13	0.67 −0.46 (t − 5.0)	28	0.95 +0.19 (t −19.0)
22	0.87 −0.30 (t −19.0)	14	1.29	29	1.36 −0.18 (t −18.5)
23	1.26 +0.23 (t −18.5)	17	0.59 −0.90 (t −10.0)	30	0.75 +0.45 (t −18.5)
28	1.45 −0.06 (t −19.0)	23	0.05 +0.46 (t − 6.0)	31	0.98 +0.32 (t −19.0)
Sept. 9	0.04 +0.71 (t −19.5)		0.18 −0.03 (t − 8.0)	Aug. 1	1.70 +0.37 (t −18.0)
11	1.59 +0.84 (t −19.5)	24	1.30 −0.03 (t − 6.5)	2	1.49 +0.18 (t −20.0)
	1.44		0.32 −0.05 (t −10.0)	4	2.22
15	0.39	25	1.07 −0.02 (t − 5.5)		2.53
17	2.16 +0.40 (t −20.0)		0.17 +0.26 (t − 9.5)	5	2.07 −0.07 (t −18.0)
19	2.41 +1.65 (t −20.0)	26	1.15 −0.40 (t − 5.5)	6	2.83 −0.58 (t −18.5)
23	4.58 −1.00 (t −20.0)		0.85 −0.07 (t − 9.0)	9	1.80
25	4.25 −2.50 (t −20.5)	März 2	1.71 −1.33 (t − 5.5)	10	1.51 +0.35 (t −19.5)
	2.17 −0.42 (t −22.0)		0.26 +0.08 (t − 9.5)	11	1.42 +0.61 (t −19.5)
26	3.12 −0.68 (t −20.5)		1.53 −0.20 (t −12.0)	12	2.28 −0.17 (t −19.0)
	2.40 −0.68 (t −22.5)	3	1.37 −0.97 (t − 5.5)	13	2.38 −0.17 (t −20.0)
Okt. 21	0.88 −0.43 (t −21.5)	10	0.61 +0.05 (t − 7.5)	14	1.44 +0.79 (t −20.0)
23	1.02 −0.24 (t −21.5)		0.11 +0.37 (t −11.0)	15	1.88 −0.10 (t −19.5)
25	1.04 −0.43 (t −22.0)		1.42 −0.27 (t −12.5)	16	1.42 +0.59 (t −19.5)
Nov. 5	0.84 +0.09 (t − 1.5)	11	1.10 +0.50 (t − 8.5)	25	0.18 +0.56 (t −19.5)
8	0.59 +0.17 (t −22.5)	13	1.91 −0.11 (t − 7.5)	Sept. 2	0.85 +0.02 (t −19.5)
11	0.04 +1.00 (t − 2.5)		1.32 +0.73 (t −11.5)	14	0.32 +0.15 (t −22.5)
12	0.83	15	2.20 −0.82 (t − 8.0)	15	0.83 −0.58 (t − 0.5)
13	0.50		2.05 −0.75 (t −11.5)	16	0.81 +0.77 (t −19.5)
25	1.11 −0.12 (t −23.0)	16	1.50 +0.36 (t − 8.0)	17	1.25 −0.49 (t −21.5)
	0.26 +0.96 (t − 3.5)	17	1.75 −0.04 (t − 7.5)	22	1.95 −0.38 (t −21.5)
30	0.96 −0.10 (t − 4.0)	23	2.22 −0.08 (t −12.0)	23	2.96 −0.90 (t −21.5)
Dez. 10	0.31 +0.38 (t − 1.0)	26	1.72 −0.33 (t − 8.5)	Okt. 14	2.37 −0.13 (t −21.0)
12	2.12 −1.25 (t − 4.5)	30	1.61 +0.05 (t −12.5)	16	3.07 −0.88 (t −21.0)
14	0.96 −0.15 (t − 4.0)	31	2.06 −0.62 (t − 8.5)	19	1.56
	1.03		2.50 −0.62 (t − 9.0)	Nov. 1	1.20 −0.22 (t − 0.0)
16	0.05 +0.43 (t − 2.0)		2.06 −0.30 (t −12.0)	16	2.02 −0.71 (t −22.5)
1885		April 1	0.38 +0.98 (t −11.0)		2.25 −0.72 (t − 2.5)
Jan. 3	2.34 −1.02 (t − 2.5)	2	0.51 −0.25 (t − 8.2)	17	2.44 −0.92 (t −22.5)
7	0.89 +2.10 (t − 6.5)	4	0.37 −0.70 (t − 8.0)		1.88 −0.06 (t − 2.0)
8	2.05 −0.19 (t − 3.0)		0.26 +0.30 (t −10.5)	18	1.65 +0.20 (t −21.0)
9	2.83 −1.50 (t − 2.5)	11	1.93 −0.13 (t −12.0)		1.62 +0.24 (t − 1.5)
	0.47 +1.29 (t − 4.0)	15	1.66 −0.42 (t −10.0)	19	1.83 −0.33 (t −22.5)
17	1.24 −0.07 (t − 5.0)		2.38 −0.58 (t −13.0)		1.46 +0.32 (t − 2.0)
	0.36 +0.25 (t − 9.0)	16	0.74 +0.22 (t −10.0)	22	2.07
18	1.08 −0.12 (t − 6.0)		2.13 −0.78 (t −13.0)	Dez. 2	2.37 −1.21 (t − 2.0)
	1.14 −0.66 (t − 8.5)	18	1.73 −0.04 (t −10.0)		1.27 +0.37 (t − 4.0)
19	1.52 −0.48 (t − 4.5)		2.02 −0.40 (t −12.5)	3	2.73 −0.70 (t −23.0)
	0.82 −0.50 (t − 7.0)	19	1.95 +0.31 (t −13.0)		0.75 +0.48 (t − 1.5)
20	1.12 +0.14 (t − 5.0)	20	1.00 +0.15 (t −10.5)		1.02 +0.20 (t − 4.5)
21	0.60 +0.60 (t − 4.5)		1.81 −0.19 (t −13.5)	9	1.42 −0.51 (t − 2.5)
	0.78 +1.00 (t − 7.5)	21	0.30 +0.56 (t −11.0)	11	1.62
25	0.87 +0.79 (t − 4.5)		1.10	12	1.34 +0.53 (t − 1.0)
	0.23 +0.15 (t − 7.5)	27	0.56 −0.33 (t −11.0)	19	2.49 −0.92 (t −23.5)
26	0.80 +0.13 (t − 4.0)		0.80 +0.49 (t −14.0)	27	1.18 +0.06 (t − 6.5)
	0.05 +0.58 (t − 8.0)	Juni 12	1.43 +0.18 (t −16.0)	30	0.30 +0.35 (t − 6.0)
29	1.16 −0.02 (t − 4.5)	13	0.84 −0.25 (t −16.5)	1887	
	0.65 −0.22 (t − 8.5)	25	0.56 +0.53 (t −16.0)	April 10	1.03 −0.16 (t −11.5)
Febr. 4	1.13 −0.27 (t − 5.5)	Juli 7	1.14 −0.21 (t −17.5)	20	0.86 −0.34 (t −10.0)
	0.20 +0.37 (t − 9.5)	8	0.89 +0.08 (t −17.0)		0.52 +0.81 (t −13.5)
8	1.24 −0.06 (t − 4.5)	10	1.41 −0.07 (t −17.0)	21	1.11 −0.41 (t − 9.5)

Digitized by Google

Datum	Tageskorrektion in Dekl. $\Delta N + C$		Datum	Tageskorrektion in Dekl. $\Delta N + C$		Datum	Tageskorrektion in Dekl. $\Delta N + C$	
1887			1888			1891		
April 21	$0^s.59$	$+0^s.26$ ($t^b - 13^h.5$)	Nov. 10	$0^s.54$	$-0^s.09$ ($t^b - 1^h.0$)	Febr. 20	$2^s.46$	$-0^s.68$ ($t^b - 7^h.5$)
23	1.17	-0.78 ($t - 10.0$)	27	0.67	$+0.14$ ($t - 23.0$)	21	1.69	-1.40 ($t - 5.0$)
24	0.41	-0.18 ($t - 12.0$)	Dez. 3	0.90	-0.58 ($t - 0.0$)		1.71	
25	0.79	$+0.18$ ($t - 10.0$)		0.54	-0.39 ($t - 2.5$)	22	2.19	-0.40 ($t - 6.0$)
	0.70		4	2.04	-0.77 ($t - 22.0$)		1.45	-0.07 ($t - 8.0$)
26	0.05	$+0.64$ ($t - 12.0$)		0.22	-0.07 ($t - 2.0$)	23	2.15	-0.56 ($t - 4.5$)
Mai 4	1.09	-1.92 ($t - 11.0$)	11	0.47	-0.16 ($t - 2.0$)		1.92	-0.85 ($t - 7.5$)
Juni 11	0.17	$+0.19$ ($t - 14.5$)	12	1.47	-0.33 ($t - 3.5$)	24	2.60	-1.15 ($t - 4.5$)
13	1.07	-0.28 ($t - 14.5$)	13	1.86	-0.47 ($t - 22.5$)		1.13	-0.29 ($t - 8.0$)
15	2.18	-0.29 ($t - 15.0$)		0.70	-0.52 ($t - 2.0$)	25	2.87	-1.00 ($t - 4.5$)
17	1.62	-0.87 ($t - 15.5$)	14	1.73	-0.54 ($t - 22.5$)		1.01	-0.78 ($t - 8.0$)
18	1.62	-0.93 ($t - 15.0$)		0.03	-0.06 ($t - 2.5$)		2.09	-0.61 ($t - 10.0$)
19	1.93	-0.20 ($t - 15.0$)	15	2.08	-0.71 ($t - 23.5$)	26	3.20	-1.41 ($t - 5.0$)
23	1.51	-0.12 ($t - 16.5$)		0.32	-0.24 ($t - 2.0$)		1.06	-0.74 ($t - 8.0$)
25	1.78	$+0.14$ ($t - 16.5$)	16	0.26	-1.35 ($t - 4.0$)	27	2.64	-1.00 ($t - 4.5$)
27	2.30	-0.02 ($t - 16.5$)	1889				1.93	-0.17 ($t - 7.5$)
29	1.13	$+0.32$ ($t - 16.5$)	Jan. 28	0.89	-0.78 ($t - 7.0$)		1.77	-0.67 ($t - 12.0$)
Juli 2	0.71		Febr. 2	0.54	$+0.29$ ($t - 5.0$)	28	2.47	-0.79 ($t - 5.0$)
7	1.21	-0.38 ($t - 16.5$)	März 5	2.13	-1.09 ($t - 5.5$)		0.96	-0.16 ($t - 8.5$)
8	0.74	-0.10 ($t - 17.5$)	6	1.36	-0.15 ($t - 6.0$)	März 6	1.92	-0.30 ($t - 5.0$)
1888				0.60	-0.30 ($t - 9.0$)		1.73	$+0.39$ ($t - 8.0$)
April 21	1.94	$+0.26$ ($t - 13.5$)	23	1.11	-0.31 ($t - 7.0$)	7	2.23	-0.54 ($t - 5.5$)
24	2.03	-0.50 ($t - 11.5$)	28	1.00	$+2.12$ ($t - 8.0$)		2.03	-1.75 ($t - 8.0$)
Mai 1	1.17	$+0.17$ ($t - 12.5$)	April 1	0.49	-0.25 ($t - 8.0$)	12	0.76	$+0.58$ ($t - 9.5$)
6	2.37	-0.94 ($t - 12.5$)	8	1.45	-0.77 ($t - 10.0$)	14	2.15	-0.41 ($t - 8.0$)
7	1.52	-0.81 ($t - 13.5$)	Mai 26	1.04	-0.21 ($t - 15.0$)		1.21	-0.41 ($t - 10.0$)
8	1.43	-0.68 ($t - 11.0$)	Juni 1	0.41	$+0.63$ ($t - 14.5$)	Dez. 19	1.82	-0.74 ($t - 0.0$)
	1.62	-0.08 ($t - 14.0$)	6	0.74	$+0.22$ ($t - 14.0$)		1.87	-0.04 ($t - 3.5$)
11	2.72	-1.03 ($t - 12.0$)	7	0.20	$+0.42$ ($t - 14.0$)	20	1.56	-0.37 ($t - 0.0$)
12	1.87	-0.89 ($t - 11.5$)	25	0.18	$+0.37$ ($t - 15.5$)	21	1.99	-1.08 ($t - 0.0$)
	1.79	-0.67 ($t - 13.5$)	Juli 3	0.96	-0.10 ($t - 16.0$)	1892		
13	1.82	-0.04 ($t - 11.5$)	1891			Jan. 5	0.89	
	1.91	-0.58 ($t - 14.5$)	Jan. 26	0.92	-0.17 ($t - 4.0$)	10	1.51	$+0.39$ ($t - 5.5$)
17	0.31	$+0.47$ ($t - 13.5$)	27	0.38	$+0.34$ ($t - 5.0$)	11	1.08	$+0.04$ ($t - 5.5$)
18	1.58	-0.08 ($t - 12.5$)	28	1.34	-0.83 ($t - 6.5$)		1.94	-0.48 ($t - 7.5$)
23	0.95	-0.09 ($t - 14.0$)	29	0.06	$+0.50$ ($t - 5.0$)	12	2.02	$+0.16$ ($t - 2.5$)
24	1.12	-0.23 ($t - 13.5$)	Febr. 6	0.04	$+0.19$ ($t - 4.0$)		1.07	$+0.58$ ($t - 4.0$)
25	1.22	-0.12 ($t - 13.0$)		1.07	-0.47 ($t - 7.5$)		2.42	-1.17 ($t - 6.5$)
26	1.30	-0.45 ($t - 16.0$)	7	0.66	-0.13 ($t - 3.5$)	19	2.41	-0.48 ($t - 1.5$)
Juni 1	0.39	$+0.22$ ($t - 14.0$)		0.21	-0.09 ($t - 7.5$)		1.46	-0.11 ($t - 5.5$)
2	2.19	-0.55 ($t - 15.0$)	8	0.88	-0.26 ($t - 3.5$)		1.88	-0.18 ($t - 7.0$)
3	1.66			2.15	-0.79 ($t - 6.5$)	20	1.96	-1.00 ($t - 3.0$)
Okt. 21	4.15	-2.17 ($t - 22.5$)	9	0.47	$+0.08$ ($t - 3.5$)		1.63	-0.44 ($t - 5.5$)
	1.08	-0.13 ($t - 1.5$)		0.52	-0.28 ($t - 7.5$)		1.35	$+0.05$ ($t - 7.5$)
22	1.28	-0.04 ($t - 0.0$)	10	0.58	$+0.10$ ($t - 3.5$)	21	1.42	-0.84 ($t - 14.0$)
23	2.22	-0.43 ($t - 21.0$)		0.87	-0.56 ($t - 7.5$)	März 25	0.52	$+1.28$ ($t - 10.5$)
	1.21	-0.51 ($t - 0.5$)	13	0.09	$+0.36$ ($t - 5.5$)	31	2.75	
25	0.66	$+0.15$ ($t - 21.0$)		0.83	$+0.15$ ($t - 7.5$)		0.85	-0.63 ($t - 11.0$)
	0.25	$+0.52$ ($t - 0.0$)	14	1.08	-0.20 ($t - 3.5$)	April 1	2.17	-0.52 ($t - 10.0$)
26	0.67	-0.10 ($t - 21.0$)		0.74	-0.37 ($t - 8.0$)	2	1.99	-0.48 ($t - 8.0$)
	1.18	$+0.45$ ($t - 0.0$)	17	2.06	-0.47 ($t - 4.5$)		1.51	-0.21 ($t - 10.5$)
28	2.22	-0.88 ($t - 20.0$)		1.68	-0.37 ($t - 7.5$)	3	1.97	-1.24 ($t - 8.0$)
	1.08	-0.36 ($t - 23.5$)	18	1.49			0.71	-0.28 ($t - 10.5$)
Nov. 6	1.57	-1.25 ($t - 21.0$)	19	2.38	-0.88 ($t - 4.5$)	4	1.43	-0.53 ($t - 8.0$)
7	0.83	-0.36 ($t - 0.0$)		1.21	-0.08 ($t - 7.5$)	7	0.50	$+1.15$ ($t - 8.5$)
10	2.26	-0.47 ($t - 21.5$)	20	2.48	-0.98 ($t - 4.0$)	8	0.99	$+0.32$ ($t - 8.0$)

Digitized by Google

Datum	Tageskorrektion in Dekl. $\Delta V + C$	Datum	Tageskorrektion in Dekl. $\Delta V + C$	Datum	Tageskorrektion in Dekl. $\Delta V + C$
1892		1892		1893	
April 8	$1^s.42 \quad -0^s.45\ (t^h - 9^h.5)$	Dez. 19	$0^s.53$	März 23	$1^s.54 \quad -0^s.06\ (t^h - 15^h.0)$
9	$3.00 \quad -0.18\ (t = 8.5)$		$0.62 \quad -0^s.11\ (t^h - 5^h.0)$	25	$0.16 \quad +1.02\ (t = 6.5)$
12	$0.13 \quad +1.50\ (t = 9.5)$		$0.56 \quad -0.12\ (t = 7.5)$		$0.24 \quad +0.85\ (t = 9.0)$
15	$1.38 \quad -0.61\ (t = 9.8)$	22	$0.08 \quad +0.25\ (t = 7.0)$	26	$0.56 \quad +0.43\ (t = 8.5)$
	$0.74 \quad -1.00\ (t = 15.5)$	23	$0.18 \quad +0.48\ (t = 0.0)$		$1.41 \quad +0.25\ (t = 11.5)$
23	$0.46 \quad +0.26\ (t = 10.5)$	28	$1.41 \quad -0.95\ (t = 3.5)$		$0.45 \quad +0.20\ (t = 13.0)$
Mai 2	$0.54 \quad -0.11\ (t = 11.8)$		$0.90 \quad -0.10\ (t = 5.0)$		$0.68 \quad -0.13\ (t = 16.5)$
6	$0.40 \quad -0.10\ (t = 11.0)$	1893		27	$1.63 \quad +0.68\ (t = 7.0)$
7	$1.72 \quad -0.21\ (t = 11.5)$	Jan. 2	$0.29 \quad +0.28\ (t - 23.5)$		$0.28 \quad +0.68\ (t = 8.5)$
	$0.87 \quad +2.76\ (t = 16.5)$		$0.30 \quad +0.40\ (t = 4.0)$		$1.39 \quad +0.70\ (t = 11.7)$
8	$1.17 \quad +0.08\ (t = 12.0)$	5	$0.84 \quad -0.21\ (t = 0.0)$		$0.99 \quad -0.17\ (t = 13.5)$
9	$1.66 \quad -1.20\ (t = 12.5)$	6	$0.71 \quad -0.56\ (t = 0.0)$	28	$1.11 \quad +0.29\ (t = 7.0)$
12	$0.82 \quad +0.68\ (t = 12.0)$		$1.60 \quad -1.26\ (t = 4.0)$		$0.70 \quad +0.85\ (t = 8.5)$
13	$0.35 \quad +0.07\ (t = 11.5)$		$0.94 \quad +0.06\ (t = 5.0)$		$1.50 \quad (11^h 35^m)$
	$0.01 \quad +1.12\ (t = 16.5)$		0.26		$0.48 \quad +0.62\ (t = 13.0)$
17	$0.27 \quad +0.81\ (t = 11.5)$	7	$1.37 \quad -0.38\ (t = 0.0)$	29	$0.65 \quad +0.21\ (t = 7.5)$
21	$1.11 \quad +0.14\ (t = 12.0)$		$2.00 \quad -1.88\ (t = 4.5)$		$0.71 \quad +0.25\ (t = 11.5)$
	0.90		$1.84 \quad -0.33\ (t = 5.0)$		$0.78 \quad +0.22\ (t = 13.0)$
22	$1.33 \quad +1.04\ (t = 12.5)$	12	$1.08 \quad +0.05\ (t = 1.0)$	30	$1.66 \quad -0.20\ (t = 8.0)$
	$0.30 \quad +0.21\ (t = 15.5)$		$1.24 \quad -0.19\ (t = 4.0)$		$1.76 \quad -1.04\ (t = 11.5)$
24	$0.86 \quad +0.07\ (t = 12.5)$		$2.20 \quad -0.68\ (t = 5.5)$		$1.34 \quad -0.32\ (t = 13.5)$
	$0.35 \quad +0.15\ (t = 15.5)$	15	$0.34 \quad +0.91\ (t = 1.5)$		$1.20 \quad +0.18\ (t = 15.5)$
25	$1.01 \quad -0.16\ (t = 13.0)$	19	$0.09 \quad +0.19\ (t = 1.5)$	31	$1.80 \quad -0.09\ (t = 7.5)$
	$0.14 \quad +1.07\ (t = 15.5)$	28	$0.22 \quad +1.07\ (t = 2.5)$		$1.88 \quad -0.09\ (t = 12.0)$
26	$0.48 \quad +0.81\ (t = 13.0)$		$0.94 \quad -0.15\ (t = 5.5)$		$2.27 \quad -1.05\ (t = 13.5)$
27	$1.80 \quad +0.57\ (t = 13.0)$	Febr. 4	$0.80 \quad -0.12\ (t = 3.0)$	April 1	$1.63 \quad -0.26\ (t = 7.5)$
	$1.32 \quad +0.55\ (t = 15.5)$		$0.54 \quad +0.50\ (t = 5.0)$		$1.19 \quad -0.12\ (t = 12.0)$
Juni 10	0.87	5	0.20	2	$0.82 \quad +0.21\ (t = 8.0)$
	$0.55 \quad +1.74\ (t = 20.5)$	6	$0.38 \quad +0.31\ (t = 3.0)$	3	$0.36 \quad +0.68\ (t = 8.5)$
27	$0.96 \quad +0.04\ (t = 15.5)$		0.70	4	$0.01 \quad +0.12\ (t = 9.5)$
28	$1.50 \quad +0.45\ (t = 15.5)$	16	$0.94 \quad -0.74\ (t = 4.0)$		$0.68 \quad +0.30\ (t = 13.5)$
Juli 1	$1.09 \quad +0.36\ (t = 18.0)$		$1.15 \quad -0.10\ (t = 5.0)$		$0.71 \quad -0.05\ (t = 16.0)$
	$1.98 \quad -2.20\ (t = 20.5)$		0.56	5	$0.89 \quad -0.44\ (t = 8.0)$
Aug. 5	$2.90 \quad -0.72\ (t = 17.5)$	20	$0.37 \quad -0.03\ (t = 7.0)$		$0.71 \quad +0.88\ (t = 13.5)$
	$1.80 \quad -0.22\ (t = 21.0)$	22	$0.81 \quad +0.83\ (t = 4.0)$		$0.73 \quad +0.29\ (t = 16.5)$
6	$2.86 \quad -0.36\ (t = 17.7) -$	27	$1.36 \quad -0.42\ (t = 5.0)$	6	0.89
	$-1.00 \sin 4.6\ (t = 17.7)$	März 3	$1.37 \quad -0.53\ (t = 5.0)$		$0.50 \quad +0.28\ (t = 16.8)$
9	$2.23 \quad -0.15\ (t = 17.5)$		$0.48 \quad +0.11\ (t = 8.0)$	7	$0.64 \quad -1.70\ (t = 9.5)$
11	$3.13 \quad -1.13\ (t = 18.0)$	4	$0.80 \quad -1.04\ (t = 5.5)$		$1.07 \quad -0.79\ (t = 13.5)$
	$2.29 \quad -0.57\ (t = 22.5)$		$0.72 \quad +0.70\ (t = 15.5)$		$0.83 \quad -0.07\ (t = 16.0)$
17	$1.09 \quad -0.08\ (t = 19.5)$	6	$1.11 \quad -0.25\ (t = 15.5)$	8	$1.41 \quad -0.72\ (t = 9.5)$
18	$1.89 \quad -0.26\ (t = 18.5)$	8	$0.80 \quad +0.56\ (t = 5.5)$		$1.91 \quad -0.24\ (t = 12.0)$
20	$1.57 \quad -0.54\ (t = 19.0)$	9	$1.77 \quad -0.81\ (t = 7.5)$		$1.54 \quad -0.14\ (t = 16.5)$
22	1.37	10	$1.80 \quad -0.80\ (t = 5.5)$	9	$1.44 \quad +1.44\ (t = 9.5)$
29	$1.36 \quad -0.26\ (t = 19.0)$		$1.32 \quad +0.07\ (t = 15.5)$		$1.13 \quad -1.20\ (t = 12.0)$
	$2.00 \quad -0.82\ (t = 22.0)$	11	$2.59 \quad -0.87\ (t = 5.5)$		$1.61 \quad -0.27\ (t = 14.0)$
Okt. 15	$1.14 \quad +0.06\ (t = 1.5)$	17	$1.39 \quad +0.30\ (t = 7.5)$	10	$3.06 \quad -1.33\ (t = 14.0)$
Nov. 4	$2.13 \quad -1.04\ (t = 1.0)$	18	$1.46 \quad -0.34\ (t = 9.0)$		$1.39 \quad -0.63\ (t = 17.5)$
26	$0.60 \quad +0.38\ (t = 1.5)$	21	$1.71 \quad -0.22\ (t = 6.5)$	12	$1.10 \quad -0.11\ (t = 14.0)$
30	$0.71 \quad +0.09\ (t = 1.0)$		$1.32 \quad -3.90\ (t = 12.0)$	13	$1.49 \quad -0.66\ (t = 13.0)$
Dez. 2	$1.92 \quad -0.86\ (t = 23.5)$		$1.93 \quad -0.70\ (t = 13.0)$	14	0.46
	$1.70 \quad -0.32\ (t = 2.5)$		$1.69 \quad -0.16\ (t = 15.5)$		1.76
6	$1.24 \quad -0.08\ (t = 0.0)$	22	$1.90 \quad -0.21\ (t = 6.5)$	15	$0.52 \quad +0.90\ (t = 13.5)$
7	$1.53 \quad -0.19\ (t = 0.0)$		$1.30 \quad -0.64\ (t = 12.0)$	17	0.64
16	$1.76 \quad -0.22\ (t = 23.5)$		$2.12 \quad -0.46\ (t = 13.0)$		2.23
19	0.76	23	$1.29 \quad +0.15\ (t = 6.5)$		$0.54 \quad +0.70\ (t = 16.0)$

Digitized by Google

Datum	Tageskorrektion in Dekl. $\Delta N + C$
1893	
April 18	$0^{s}92$
22	1.78 $-0^{s}24$ $(t^{h}-13^{h}5)$
23	1.07 $+0.19$ $(t-14.5)$
24	0.81 $+0.12$ $(t-15.5)$
25	1.02 $+0.67$ $(t-15.5)$
28	1.24 $+0.24$ $(t-14.5)$
	1.23 $+0.18$ $(t-15.5)$
29	0.86 $+1.22$ $(t-14.5)$
	1.30 $+0.96$ $(t-16.0)$
Mai 1	2.09 -0.49 $(t-14.5)$
	1.07 $+0.14$ $(t-17.5)$
4	1.34 -2.10 $(t-16.0)$
5	1.83 -0.54 $(t-16.0)$
12	1.43 -0.24 $(t-18.0)$
13	0.96 -0.14 $(t-18.0)$
14	0.67 $+0.87$ $(t-18.0)$
16	0.68 -0.15 $(t-16.0)$
	0.65 $+0.16$ $(t-17.5)$
28	0.86
	0.84 $+0.20$ $(t-19.0)$
Juni 1	0.81 -0.58 $(t-18.5)$
2	0.54
	0.70 -0.10 $(t-20.0)$
3	0.38
	1.07 $+0.50$ $(t-17.5)$
	0.76 -0.10 $(t-19.5)$
8	1.03 -0.26 $(t-18.0)$
	0.45 $+0.28$ $(t-19.5)$
11	0.35 $+0.34$ $(t-19.5)$
12	1.18 -0.37 $(t-18.0)$
	0.84 $+0.34$ $(t-19.5)$
13	0.35 $+0.34$ $(t-18.0)$
	0.66 $+0.70$ $(t-20.0)$
15	0.19 $+0.29$ $(t-18.5)$
17	0.31 $+0.35$ $(t-18.0)$
21	0.83 $+1.16$ $(t-19.0)$
	0.96 -0.64 $(t-19.5)$
23	0.56 $+0.46$ $(t-18.0)$
24	0.54 -0.45 $(t-18.5)$
27	0.37
	0.52 -0.07 $(t-18.0)$
29	1.53
30	1.95 -0.14 $(t-18.0)$
	1.86 -0.04 $(t-20.0)$
Juli 1	1.56 -0.48 $(t-18.0)$
2	0.81 $+0.98$ $(t-18.0)$
	1.05 -0.12 $(t-19.5)$
3	1.96 -0.26 $(t-18.0)$
4	1.95 -0.56 $(t-18.5)$
6	0.84 $+0.69$ $(t-18.0)$
	1.15 -0.10 $(t-19.5)$
7	1.29 $+0.60$ $(t-18.0)$
	0.85 $+0.25$ $(t-19.5)$
8	1.87

Datum	Tageskorrektion in Dekl. $\Delta N + C$
1893	
Juli 8	$1^{s}13$ $-0^{s}07$ $(t^{h}-19^{h}5)$
11	1.38 $+0.18$ $(t-18.0)$
19	1.83 -0.91 $(t-19.0)$
24	1.69 -0.41 $(t-18.0)$
29	2.68 -1.60 $(t-18.5)$
Aug. 3	1.59 -0.15 $(t-19.0)$
	0.78 -0.15 $(t-21.0)$
7	1.36 -1.00 $(t-19.5)$
9	0.69 -3.30 $(t-19.5)$
11	1.70 -0.28 $(t-18.0)$
	1.63
14	1.38 -0.02 $(t-18.0)$
16	0.68 $+0.13$ $(t-19.0)$
17	0.85 -0.19 $(t-19.5)$
18	0.90 -0.01 $(t-19.0)$
	0.44 -0.04 $(t-0.0)$
19	1.43 $+1.00$ $(t-20.5)$
22	0.21 $+0.32$ $(t-20.0)$
	0.30 $+0.39$ $(t-1.5)$
28	1.09 -0.18 $(t-19.0)$
	0.94 -0.61 $(t-1.0)$
29	1.25 $+0.09$ $(t-20.0)$
	0.73 $+0.76$ $(t-2.0)$
	1.16 $+0.76$ $(t-3.0)$
Sept. 1	0.88 -0.16 $(t-19.5)$
4	0.38 $+0.41$ $(t-2.0)$
5	1.03 -0.80 $(t-21.0)$
	0.63 $+0.60$ $(t-22.0)$
12	1.27 $+0.49$ $(t-21.0)$
Okt. 13	1.05 -0.85 $(t-1.0)$
18	0.17 $+1.80$ $(t-5.8)$
19	0.98 -1.51 $(t-21.0)$
	0.83 -0.15 $(t-1.0^{s})$
	-0.36 -0.13 $(t-4.8)+$
	$+1.40 \sin 5$ $(t-4.8)$
20	0.66 -0.09 $(t-1.0)$
21	0.49 -1.10 $(t-1.3)$
23	1.19 -1.20 $(t-21.0)$
24	2.25 -1.00 $(t-1.0)$
25	1.39 $+0.47$ $(t-23.5)$
27	1.62 -0.78 $(t-23.5)$
	2.14 -0.58 $(t-4.0)$
Nov. 1	2.88 -0.69 $(t-22.0)$
5	2.20 -0.74 $(t-3.0)$
6	1.82 $+0.01$ $(t-3.5)$
7	1.13 -0.10 $(t-3.5)$
8	0.82 $+0.89$ $(t-1.0)$
	0.99 $+0.66$ $(t-5.0)$
10	2.06 -0.78 $(t-21.5)$
	1.34 $+0.14$ $(t-1.0)$
11	2.40 -0.80 $(t-22.0)$
	1.45 -0.24 $(t-1.0)$
12	1.49 -0.54 $(t-22.0)$
	1.65 -0.14 $(t-3.5)-$
	$-0.24 \sin 12$ $(t-3.5)$

Datum	Tageskorrektion in Dekl. $\Delta N + C$
1893	
Nov. 27	$1^{s}13$ $-0^{s}03$ $(t^{h}-4^{h}0)$
Dez. 1	1.31 -0.54 $(t-1.0)$
2	1.39 -0.09 $(t-23.0)$
	1.80 -0.34 $(t-5.5)$
3	2.25 -0.44 $(t-21.5)$
	1.75 -0.44 $(t-22.0)$
	0.80 -0.44 $(t-0.0)$
	1.68 -0.14 $(t-1.0)$
6	3.13 -2.7 $(t-1.0)$
	2.02 -0.57 $(t-4.5)$
8	1.65 -0.27 $(t-4.5)$
	1.01 $+0.46$ $(t-7.0)$
10	2.14 -3.7 $(t-23.0)$
	1.02 $+0.26$ $(t-5.5)$
12	1.61 -5.5 $(t-23.0)$
	1.63 -0.24 $(t-5.0)$
	1.70 -0.31 $(t-7.0)$
22	1.68 -3.3 $(t-23.0)$
	0.80 $+0.05$ $(t-2.0)$
1894	
Jan. 3	0.40 -1.10 $(t-1.5)$
	1.03 -0.17 $(t-3.5)$
4	0.89 -0.04 $(t-4.0)$
5	0.71 -0.80 $(t-1.5)$
	1.04 -0.31 $(t-4.0)$
9	0.68 -1.40 $(t-5.5)$
22	0.08
	0.45 $+0.18$ $(t-4.0)$
24	0.66 -1.20 $(t-1.5)$
	0.83 -0.13 $(t-4.5)$
25	1.03 -0.36 $(t-4.0)$
Febr. 1	0.87
4	0.36 $+1.01$ $(t-4.5)$
13	2.00
14	1.31 $+0.05$ $(t-6.0)$
15	1.76 -0.57 $(t-6.0)$
17	1.77 -0.38 $(t-6.0)$
18	1.39 $+0.17$ $(t-6.0)$
19	1.89 -0.40 $(t-6.0)$
20	1.34 -0.80 $(t-6.0)$
21	1.57 -0.53 $(t-6.0)$
22	1.68 -0.77 $(t-5.5)$
23	0.81 -0.29 $(t-5.5)$
März 1	0.91 -0.17 $(t-6.0)$
5	0.66 $+0.39$ $(t-7.0)$
12	1.28 $+0.18$ $(t-5.5)$
17	0.81 $+1.12$ $(t-6.5)$
18	0.29
19	0.48 $+0.30$ $(t-6.5)$
20	1.06 $+2.2$ $(t-7.5)$
21	0.80
22	1.64 -0.66 $(t-6.5)$

Digitized by Google

Die so erhaltenen Deklinationen für 1890.0 sind dann endlich zu Mitteln vereinigt, und zwar in doppelter Weise, erstens ohne Rücksicht auf die Kreislage, sodann nach den Kreislagen getrennt. Aus der Betrachtung der letzteren Mittel ergab sich nun unerwartet ein systematischer Unterschied zwischen den Kreislagen, der offenbar abhängig von der Rektascension ist. Es sind für je 100 Sterne die Unterschiede O—W zu Mitteln vereint und diese in der folgenden kleinen Tabelle zusammengestellt. Dazu ist aber hinsichtlich der benutzten Nummern der Sterne zu bemerken, dass sie sich nicht ganz mit den Katalognummern decken, sie sind vielmehr den Reduktionstabellen entnommen, bei denen die Anhaltsterne nicht mitgezählt wurden, ferner sind bei der Mittelbildung der Unterschiede diejenigen Sterne fortgelassen, deren Beobachtungen in den verschiedenen Kreislagen auf sehr verschiedene Epochen fielen, sodass hier die unbekannte Eigenbewegung von Einfluss hätte sein können, ebenso die Sterne mit besonders starker Eigenbewegung und verschiedener Epoche für beide Lagen. In Kol. 2 ist die mittlere Rektascension angegeben. Endlich ist noch in der vierten Kolumne der mittlere Unterschied für einen Stern angeführt, woraus sich beurteilen lässt, in wie weit die Zahlen in der dritten Kolumne als verbürgt angesehen werden dürfen. Man kann diesen Unterschied im Gesamtmittel also zu etwa ±0ˢ.56 annehmen. Wenngleich darnach die Zahlen O—W auch nicht in ihrem vollen Betrag zuverlässig sind, so ist doch an einer gewissen Reellität in dem betreffenden Sinn der Differenz kaum zu zweifeln.

No. der Sterne	Mittl. AR.	O—W	Mittl. Diff.	No. der Sterne	Mittl. AR.	O—W	Mittl. Diff.
1—99	$0^h.5$	−0ˢ.13	±0ˢ.54	1400—1499	$11^h.7$	−0ˢ.02	±0ˢ.51
100—199	1.5	+0.02	±0.48	1500—1599	12.9	+0.12	±0.56
200—299	2.5	+0.23	±0.56	1600—1699	14.0	+0.02	±0.48
300—399	3.6	+0.24	±0.58	1700—1799	15.0	−0.13	±0.58
400—499	4.4	+0.10	±0.55	1800—1899	15.9	−0.03	±0.50
500—599	5.1	−0.04	±0.55	1900—1999	16.8	−0.01	±0.46
600—699	5.6	+0.14	±0.60	2000—2099	17.7	+0.15	±0.56
700—799	6.1	+0.33	±0.59	2100—2199	18.5	+0.24	±0.56
800—899	6.6	+0.29	±0.64	2200—2299	19.2	+0.01	±0.64
900—999	7.3	+0.34	±0.69	2300—2399	19.9	−0.25	±0.62
1000—1099	8.0	+0.32	±0.57	2400—2499	20.6	+0.35	±0.65
1100—1199	8.7	+0.35	±0.57	2500—2599	21.5	+0.26	±0.54
1200—1299	9.6	+0.26	±0.58	2600—2699	22.3	−0.15	±0.55
1300—1399	10.6	0.00	±0.48	2700—2795	23.5	−0.07	±0.53

Dass Unterschiede bei Beobachtungen in verschiedenen Kreislagen selbst bei grösster Inachtnahme ganz gleichartiger Beobachtung und anscheinend voller Elimination der bei Kreisablesungen zu befürchtenden Fehlerquellen vorkommen, haben die Untersuchungen verschiedener Zonenbeobachtungen und anderer Beobachtungen deutlich dargetan. Aber das Überraschende ist hier der unleugbare Zusammenhang mit der Rektascension. Abgesehen von einzelnen herausspringenden Werten würde man die Differenzen durch eine einfache Kurve leidlich gut darstellen können. Von vornherein ist es schwer, hierfür eine Erklärung zu finden, da z. B. die einer ebenfalls für die Deklinationen wirkenden Helligkeitsgleichung auch hier versagt. Ich bin nun durch die Betrachtung der Teilfehlerdifferenzen, welche zur Ermittlung der Teilfehler, wie oben gesagt, herangezogen wurden, auf die Annahme geführt, dass die Teilfehler bezw. der Kreis im Laufe der Zeit Änderungen erfahren hat, oder dass hierbei die verschiedenartige Einstellung der Beobachter zum Ausdruck kommt. Es würde nicht allein eines jedenfalls sehr beträchtlichen Zeitaufwandes bedürfen, um hierüber zu voller Sicherheit zu gelangen, sondern es wäre bei der mannigfaltigen Kombination der hierbei in Betracht kommenden Umstände noch fraglich, ob eine solche Untersuchung wirklich zum überzeugenden Resultat im einen oder andern Sinne führen würde. Angenähert kann man aber annehmen, dass die Differenzen in einem Zusammenhang mit den Epochen für das Mittel der Beobachtungszeiten stehen werden, wenn jene Annahme richtig ist. Wenn man z. B. annehmen wollte, dass die zur Anwendung gekommenen Teilfehler für die spätere Beobachtungsperiode, etwa von 1888 oder 1890 an richtig, dagegen

Digitized by Google

infolge der stattgefundenen Auffassungsänderung in den früheren Beobachtungsjahren, von 1882 an, andere gewesen und dass gewisse Stunden der Rektascension vorzugsweise in der einen oder anderen Periode beobachtet wären, so würde sich ein Unterschied wie der hier gefundene erklären. Ich habe nun zunächst untersucht, ob sich ein Unterschied in der Grösse des Werts O—W für die verschiedenen Zeitepochen erkennen lässt und in der Tat hat eine Trennung der Sterne in die Perioden vor und nach 1888 solche ergeben, die allerdings bei dem zur Verfügung stehenden unzureichenden Material ihrem Betrage nach unsicher bleiben mussten. Ebenso fanden sich für das Verhältnis der vor und nach 1888 beobachteten Sterne in den verschiedenen Klassen nicht unbeträchtliche Unterschiede. In einzelnen Klassen (No. 1700 bis 1900) kamen z. B. besonders viele Sterne vor, die vollständig (oder bis auf eine Beobachtung) in den Jahren 1887—1889 beobachtet waren, während diese Jahre in den übrigen Klassen im allgemeinen nur durch vereinzelte Beobachtungen vertreten waren. Es dürften darnach die obigen Differenzen in der angedeuteten Weise wenigstens zum grössten Teil ihre Erklärung finden. Da sich aber aus den vorher angegebenen Ursachen wie erwartet eine Gesetzmässigkeit mit einiger Sicherheit nicht erkennen liess, so habe ich es auch nicht für notwendig gehalten nähere Einzelheiten dieser Untersuchungen hier mitzuteilen. Ebenso ist ganz davon abgesehen worden, etwaige Korrektionen für die Beobachtungen nach der Kreislage abzuleiten und anzubringen. Was hätte geschehen können, wäre eine nochmalige Bestimmung der Teilfehler und dabei eine Trennung der Beobachtungen in geeigneten Perioden gewesen. Dem stand aber entgegen, dass die eigentliche Teilfehlerbestimmung in der allerletzten Zeit ausgeführt war und dass sich keine fortlaufende Reihe der Differenzen zwischen den einzelnen Strichen hätte bilden lassen, wenn man die Beobachtungen in 3 oder selbst nur 2 Perioden hätte trennen wollen. Schon bei der gleichmässigen Behandlung aller Beobachtungen sind manche Strichdifferenzen, wie bereits an anderer Stelle bemerkt, sehr knapp bestimmt und es wäre dann nichts anderes übrig geblieben, als auf die Anbringung der Teilfehler überhaupt zu verzichten, was doch nicht ganz gerechtfertigt schien, wenn man den Resultaten der Teilfehler auch nicht gerade sehr grosses Gewicht zuschreiben will.

Genauigkeit der Beobachtungen.

Zur Beurteilung der Genauigkeit sind die Abweichungen der Einzelbeobachtungen vom Mittel für etwa 500 Sterne benutzt worden, und zwar sind 5 der vorher erwähnten Klassen beliebig herausgegriffen. Es fand sich der mittlere Fehler einer Beobachtung ohne Rücksicht auf Beobachter oder Kreislage oder Unterschied der Beobachtungsepochen und auch ohne Ausschlus der Beobachtungen mit geringerem Gewicht

aus No.	200— 300	in A.R. ±0.0326	in Dekl. ±0.703
	700— 800	±0.0406	±0.630
	1400—1500	±0.0366	±0.606
	1900—2000	±0.0409	±0.613
	2400—2500	±0.0362	±0.717

oder im Mittel ±0.0374 bezw. ±0.654.

Die Beobachtungen sind, wie gesagt, nicht nach den Beobachtern getrennt worden, weil zwischen den drei Hauptbeobachtern Valentiner, v. Rebeur-Paschwitz, Ristenpart kaum ein Unterschied in der Genauigkeit bestehen dürfte und es hier nur darauf ankommt, ein Urteil über die Zuverlässigkeit der Endresultate zu gewinnen. Bemerkenswert ist aber der grössere mittlere Fehler in δ für die 1. und 5. Klasse. Es trifft sich nun, dass diese Sterne in die Rektascensionsstunden fallen, welche auch im November und Dezember 1891 beobachtet worden sind. Wenn vielleicht auch die Winterbeobachtungen besonders unter den ungünstigen Verhältnissen der damaligen Sternwarte gelitten haben, so dürfte ein Teil der Ungenauigkeit doch ohne Zweifel gerade der Ungeübtheit des damaligen Beobachters zuzuschreiben sein, da sich für seine Beobachtungen keine sicheren Reduktionselemente gewinnen liessen.

Ich habe die Beobachtungen in die der hellen und schwächeren Sterne getrennt, indem ich zu den ersten diejenigen rechnete, welche heller als 7.1 Grösse waren, zu den letzteren alle übrigen (7.1—8.0). Darnach ergab sich, wie zu erwarten, ein Anwachsen des m. F. für die schwächeren Sterne, nämlich:

Digitized by Google

200— 300 in A.R. helle	±0.0327	schwache	±0.0325 in Dekl. helle	±0.654	schwache ±0.727
700— 800	±0.0358		±0.0432	±0.621	±0.636
1400—1500	±0.0348		±0.0374	±0.589	±0.615
1900—2000	±0.0365		±0.0425	±0.526	±0.643
2400—2500	±0.0341		±0.0371	±0.725	±0.713
oder im Mittel	±0.0348		±0.0385	±0.623	±0.667

Dass für den mittleren Fehler in Deklination ein nicht unerheblich geringerer Wert herauskommen würde, wenn die Beobachtungen nach den Kreislagen getrennt würden, ist nach den früheren Mitteilungen über die konstanten Unterschiede nicht zweifelhaft. Es würde darin allerdings der der eigentlichen Beobachtung (Einstellung, Ablesung) entsprechende m. F. zum Ausdruck kommen. Da es aber hier weniger auf diesen, als auf den Gesamtfehler ankommt, so ist die Berechnung jenes m. F. als nebensächlich unterlassen.

Legt man das oben angegebene Gesamtmaterial zugrunde, so findet sich endlich für den mittleren Fehler eines Katalogortes aus:

1 Beobachtung	in A.R.	±0.0374	in Dekl.	±0.654
2 Beobachtungen	»	±0.0264	»	±0.462
6 Beobachtungen	»	±0.0153	»	±0.267

also, wie auch erwartet wurde, ein, allerdings nicht sehr bedeutendes, Überwiegen der Genauigkeit in Rektascension.

Die Vergleichung mit anderen Katalogen beschränkt sich auf die des A.G.-Katalogs, wobei bis jetzt nur die beiden nördlichen Grade (Nicolajew) in Betracht kommen konnten, sowie auf die des Radcliffe Katalogs für 1890.0. Zieht man erstere Vergleichungen in Stunden der A.R. zusammen, so findet sich

Karlsr.—Nicol.			Karlsr.—Nicol.		
0^h— 1^h	$d\alpha = +0^s.011$	$d\delta = +0''.04$	12^h— 13^h	$d\alpha = +0^s.006$	$d\delta = +0''.13$
1 — 2	+0.005	−0.13	13 — 14	+0.007	+0.72
2 — 3	−0.007	+0.21	14 — 15	+0.021	+0.82
3 — 4	+0.020	+1.07	15 — 16	−0.030	+0.25
4 — 5	+0.029	+0.77	16 — 17	−0.026	−0.13
5 — 6	+0.015	+0.50	17 — 18	0.000	+0.24
6 — 7	+0.022	+0.45	18 — 19	+0.001	+0.45
7 — 8	+0.015	+0.61	19 — 20	+0.009	+0.06
8 — 9	+0.020	+0.71	20 — 21	−0.021	+0.54
9 — 10	0.000	+0.75	21 — 22	−0.002	+0.57
10 — 11	+0.028	+0.48	22 — 23	+0.004	+0.50
11 — 12	+0.026	+0.16	23 — 0	+0.004	+0.23

Es ist also auch hier die Verschiebung des Nicolajewer Katalogs gegen Süden ausgesprochen. Bildet man die Gesamtmittel aus den Stundenwerten ohne Rücksicht auf die genaue Anzahl der Sterne in jeder Stunde (im Mittel kommen auf jede Stunde 25 Sterne), so finden sich gegen Nicolajew die Unterschiede

$$\text{in } \alpha \quad \text{K—N } +0^s.007, \quad \text{in } \delta \quad \text{K—N } +0''.42.$$

Da nun nach den Untersuchungen von Auwers (A.N. No.3844) die Differenz Nicolajew—Romberg −0.007 bezw. −0.36 beträgt, so würde sich für

$$\text{Karlsr.—Romb. in } \alpha\ 0^s.00, \quad \text{in } \delta\ +0''.06$$

ergeben, also im Mittel eine Übereinstimmung mit dem Rombergschen Katalog erzielt sein. Zu einer genauen Untersuchung über die Abhängigkeit der Unterschiede von der Helligkeit in A.R. reicht das Material nicht aus. Es sind die Differenzen gegen Nicolajew in 3 Klassen geteilt und ergab sich für die Sterne der:

Digitized by Google

4—6.0	Gr. K—N	+0.008	39 Sterne
6.1—7.0	»	+0.005	120 »
7.1—8.0	»	+0.007	449 »

sodass hiernach keine Abhängigkeit nachweisbar ist.

Ich hätte gewünscht, die Vergleichungen auch auf ältere Kataloge ausdehnen und zugleich Untersuchungen über Eigenbewegungen, wofür ziemlich viele Vorarbeiten gemacht sind, anschliessen zu können, ebenso wäre es nicht ohne Interesse gewesen, die mehrfach sehr zahlreichen Beobachtungen der Anhaltsterne zur Ableitung ihrer Örter zu verwenden. Indessen muss ich mir die Bearbeitung solcher Einzelfragen für gelegenere Zeit vorbehalten.

Über die Einrichtung des Katalogs braucht nicht viel gesagt zu werden. Der erste Teil (S. 3—59) gibt die mittleren Örter für 1890.0. Die Bedeutung der Zahlen in den einzelnen Spalten ist durch die Überschriften klar. Die Grössen sind immer die der B.D. Die Präcessionen und Var. saec. sind mit der Struveschen Konstante, zum Teil unter Benutzung der Beckerschen Tafeln, zum Teil nach Umformung der Argelanderschen Tafeln, zum Teil direkt, durchweg doppelt gerechnet. Trotz der doppelten Rechnung sind mehrfach durch die Vergleichung mit Nicolajew und Radcliffe Fehler entdeckt, die gemeinsam von beiden Berechnern jener Grössen begangen waren, aber fast ausschliesslich die bei 0° Deklination liegenden Sterne betrafen. Ich hoffe, dass es schliesslich gelungen ist, alle solche Fehler aufzufinden, ohne dass noch eine dritte Rechnung ganz durchgeführt wäre. Die Präcessionen sind für vorläufige Katalogörter (in A.R. auf 0.5, in Dekl. auf etwa 2″ sicher) berechnet, ohne letztere mit der etwa bekannten Eigenbewegung von der Epoche auf 1890.0 zu übertragen. Für die Epochen hätte das Zehntel des Jahres genügt, es wurde im zweiten Teil (S. 63 ff), welcher die Einzelbeobachtungen enhält, das Hundertstel gegeben, um dadurch den Hinweis auf den Beobachtungstag und die etwa gewünschte Aufsuchung in den verschiedenen Bänden der Karlsruher Veröffentlichungen zu erleichtern. In der letzten Spalte sind die Unterschiede gegen Nicolajew und Radcliffe gegeben. Wenn hier in einzelnen Fällen bei merkbaren Eigenbewegungen die Unterschiede gegen Nicolajew und Radcliffe im Gegensatz zu einander zu stehen scheinen, so ist daran zu erinnern, dass der Radcliffe Katalog in solchen Fällen seine Örter oft mit der Eigenbewegung auf 1890.0 reduziert gibt, was weder in den A.G.-Katalogen noch auch hier geschehen ist. Die unten auf den Seiten angegebenen Eigenbewegungen sind den Katalogen und Untersuchungen Cincinnati (C), Nicolajew (N) und Bauschinger (B) entnommen.

Die innerhalb der Grenzen des Karlsruher Katalogs gelegenen Anhaltsterne sind fett gedruckt, die Örter (und Grössen) dem Anhange des Berliner Jahrbuchs bezw. den A.N. No. 2890.91 entlehnt. Einige gelegentlich, meist aus Versehen mitbeobachtete Sterne, die nicht ins Programm gehören, sind mit aufgenommen, obwohl es passender gewesen wäre, sie ganz abzutrennen, da sie kaum je in diesem Katalog werden gesucht werden und daher auch unbenutzt bleiben.

Im zweiten Teil sind die einzelnen auf 1890.0 reduzierten Beobachtungen in ganz zusammengedrängter Form abgedruckt. Hierzu ist nur zu bemerken, dass bei der Mittelbildung der mit einem Doppelpunkt versehene Ort mit halbem Gewicht mitgenommen, der eingeklammerte ganz ausgeschlossen wurde. Es sind hierfür die Bemerkungen in den Karlsruher Bänden bezw. in den Originaltagebüchern massgebend gewesen, jedoch mit der Einschränkung, dass eine etwas allgemeiner gehaltene Bemerkung nur dann berücksichtigt wurde, wenn die betreffende Beobachtung aus den übrigen heraussprang. Den Beobachtungen aus dem Herbst 1891 ist dagegen auch ohne besondere Bemerkung öfters geringeres Gewicht gegeben. Die Katalogörter (p. 3—59) sollten also die Mittel aus den hier gegebenen Einzelörtern sein, jedoch ist dabei zu bemerken, dass bei der Reduktion eine höhere Dezimalstelle mitgenommen wurde, und für die Katalogörter dementsprechend das Mittel um 0.01 bezw. 0.1 wegen der Abrundung abweichen kann. Mehrfach findet sich nur eine Koordinate angegeben, in den allermeisten Fällen ist natürlich dann auch nur diese beobachtet gewesen, es kommen aber auch Fälle vor, wo nachträglich bemerkt wurde, dass in den Karlsruher Veröffentlichungen doch beide Koordinaten gedruckt sind. Es rührt das Übersehen solcher Beobachtungen bei der Neureduktion daher, dass die Rektascensionen und Deklinationen in getrennten Heften (die ersteren auf losen vorgedruckten Formularen) reduziert sind, und die Eintragung seiner Zeit an verkehrten Stellen geschah, wo sie bei der jetzigen Reduktion unbeachtet bleiben mussten.

Digitized by Google

Berichtigungen.

Seite VI Zeile 29 v. o. statt »welche von den« lies »welche den«

3 No. 24 Spalte 6 statt 18'9 lies 19'1 K – Nic. wird +1'3. K – Radcl. –0'1
4 » 97 » 3 » 5'52 » 5'51
5 » 101 » » » 18'76 » 18'78
9 » 309 » » » 29.40 » 29.41
11 » 416 » » » 54.88 » 54.90 K – Nic. –0'02 K – Radcl. +0'10
12 » 483 » » » 11.33 » 11.35
13 » 550 » » » 37.92 » 37.98 K – Radcl. –0'14
15 » 633 sind nur 2 Beobachtungen in α
» 638 Spalte 3 statt 29'91 lies 29.93 K – Nicol. +0'06 K – Radcl. +0'02
17 » 702 » 11 » +0'62 » +0'66
22 » 960 » 3 » 38'02 » 37'09 K – Radcl. +0'07
26 Spalte 1 statt 1100 lies 1200
27 No. 1229 Spalte 9 statt 15.18, 15.17 lies 5.18, 5.17
» 1230 » 3 » 3'04 lies 3'02
» 1244 » » » 20.61 » 20.59 K – Radcl. +0'10
32 » 1475 » » » 33.72 » 33.73 » » –0.04
38 » 1794 » » » 21.37 » 21.40 » » +0.10
52 Spalte 1 statt 2400 lies 2500
53 No. 2525 Spalte 3 statt 37'34 lies 36.88. K – Nic. +0'01; der Stern geht also No. 2524 voraus; die α auf S. 137 lauten: 36'87, 36'83, 36'87, 36'91, 36'86, 36'92
54 Spalte 1 statt 2500 lies 2600
No. 2580 Spalte 3 statt 58'74 lies 58'45. K – Nic. –0'01. K – Radcl. –0'03; die α auf S. 139 lauten: 58'47, 58'40, 58'48, 58'41, 58'40, 58'53, 58'43
55 No. 2629 Spalte 6 statt 56'9 lies 56'6 K – Radcl. +0'1
58 Spalte 1 statt 2700 lies 2800
64 No. 50 statt 28'80 lies 52'80 u. s. w.
96 » 1153 » 61'3 » 31'3 u. s. w.
102 » 1368 » 13'40 » 13'40:
105 » 1475 » 33.88: » (33.88).

Digitized by Google

Katalog

von 2843 Sternen zwischen dem Äquator und dem 8. Grad südlicher Deklination

für 1890.0.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
1	8.0	0^h 0^m40^s77	3.0724	+0.0010	−1° 50′ 58″3	+20.053	−0.010	6.56	2.6099	+0.02 −0.3	
2	**6.8**	**2 5.99**	**3.0716**	**−0.0002**	**−3 9 39.9**	**+20.052**	**−0.012**			**4 Ceti F.St.**	
3	6.5	2 34.14	3.0717	+0.0004	−3 3 36.4	+20.052	−0.014	12.28	3.0003		+0.07 −1.9
4	7.8	2 52.94	3.0703	−0.0018	−7 24 16.3	+20.051	−0.015	11.28	7.0003		0.00 +0.5
5	7.4	3 4.89	3.0716	+0.0006	−2 50 4.9	+20.051	−0.014	10.73	3.0005		+0.03 +0.8
6	7.3	3 14.11	3.0726	+0.0021	+0 4 48.2	+20.051	−0.015	10.01	0.0006	−0.03 +0.3	+0.01 −1.2[1]
7	7.4	4 17.13	3.0711	+0.0005	−3 10 23.0	+20.049	−0.017	9.67	3.0008		−0.01 −0.2
8	6.8	4 40.95	3.0697	−0.0008	−5 51 33.3	+20.049	−0.018	10.68	6.0011		+0.02 −0.8
9	6.8	5 31.70	3.0703	+0.0002	−3 55 59.3	+20.047	−0.019	8.91	4.0007		−0.03 +0.2
10	8.0	5 52.88	3.0715	+0.0013	−1 44 7.0	+20.046	−0.020	3.84	1.0006	+0.04 −0.4	
11	8.0	5 56.54	3.0704	+0.0003	−3 41 23.3	+20.046	−0.020	5.34	3.0014		
12	7.0	7 1.83	3.0712	+0.0013	−1 50 20.8	+20.043	−0.022	6.88	2.0019	+0.01 0.0	+0.05 +0.1
13	7.2	7 17.48	3.0696	+0.0002	−3 59 35.8	+20.043	−0.023	10.55	4.0011		+0.05 −0.6
14	8.0	7 34.80	3.0680	−0.0007	−5 51 12.9	+20.042	−0.023	11.62	6.0019		
15	7.8	8 23.33	3.0687	0.0000	−4 31 12.5	+20.039	−0.025	10.55	4.0012		
16	7.8	8 46.78	3.0700	+0.0009	−2 48 32.0	+20.038	−0.026	12.09	3.0018		+0.07 +0.3
17	8.0	9 11.85	3.0717	+0.0019	−0 54 51.6	+20.037	−0.027	3.84	1.0014	+0.05 −0.4	
18	8.0	9 15.53	3.0710	+0.0016	−1 38 46.1	+20.037	−0.027	5.39	1.0015	−0.01 −0.5	
19	6.7	9 18.55	3.0691	+0.0005	−3 38 17.8	+20.036	−0.027	9.59	3.0020		+0.10 +0.1
20	8.0	9 39.35	3.0659	−0.0011	−6 44 53.6	+20.035	−0.027	11.96, 11.53	6.0029		
21	7.6	10 14.37	3.0660	−0.0008	−6 12 45.2	+20.033	−0.028	10.62, 10.92	6.0030		+0.08 +0.1
22	7.7	11 50.58	3.0722	+0.0024	−0 17 37.2	+20.026	−0.032	3.82	0.0033	+0.06 +0.5	[2]
23	6.7	12 10.70	3.0695	+0.0013	−2 28 26.6	+20.025	−0.032	6.12	2.0031		+0.10 +0.5
24	7.0	12 25.53	3.0725	+0.0026	+0 0 18.9	+20.023	−0.033	4.89	0.0037	+0.01 +1.1	+0.07 −0.3
25	7.3	12 40.56	3.0691	+0.0012	−2 37 33.3	+20.022	−0.033	10.63	2.0034		
26	7.5	13 38.54	3.0724	+0.0026	−0 5 24.3	+20.017	−0.035	11.02	0.0042	−0.08 +0.4	
27	7.8	14 13.38	3.0680	+0.0011	−3 5 27.1	+20.014	−0.036	8.21	3.0036		+0.01 −0.3
28	7.0	15 27			−3 31						
29	8.0	15 35.59	3.0663	+0.0007	−3 55 27.2	+20.007	−0.039	9.93	4.0031		+0.11 +0.1
30	7.0	16 37.49	3.0627	−0.0002	−5 48 6.1	+20.000	−0.040	9.36	5.0049		+0.07 +0.1
31	7.6	17 23.72	3.0599	−0.0008	−7 4 21.5	+19.995	−0.042	9.60, 8.92	7.0048		
32	8.0	18 2.01	3.0658	+0.0010	−3 39 48.7	+19.991	−0.044	3.85	3.0048		
33	7.6	18 22.48	3.0649	+0.0008	−4 5 6.1	+19.989	−0.044	10.06	4.0040		
34	6.0	18 52.45	3.0671	+0.0015	−2 49 39.0	+19.985	−0.045	7.92	3.0049		0.00 −0.3
35	7.8	18 55.05	3.0624	+0.0002	−5 15 26.7	+19.985	−0.046	10.91, 10.73	5.0058		
36	6.2	20 58.87	3.0711	+0.0027	−0 39 32.0	+19.969	−0.050	3.82	0.0063	+0.01 −0.5	−0.03 −1.0[3]
37	8.0	21 15.18	3.0692	+0.0023	−1 32 15.9	+19.967	−0.050	5.50	1.0046	+0.03 +0.1	
38	7.0	21 28.71	3.0662	+0.0002	−5 36 43.0	+19.965	−0.051	7.39	5.0064		+0.11 −1.0
39	7.8	23 40.66	3.0568	−0.0002	−6 30 44.0	+19.916	−0.054	11.06, 10.87	6.0079		[4]
40	7.4	23 52.10	3.0626	+0.0012	−4 4 10.1	+19.944	−0.055	10.77	4.0051		+0.04 +0.3
41	7.1	24 1.24	3.0641	+0.0015	−3 26 51.7	+19.943	−0.055	5.66	3.0057		+0.07 −1.8
42	7.7	24 12.82	3.0702	+0.0028	−0 55 47.3	+19.941	−0.056	3.82	1.0051	+0.03 −0.1	
43	7.8	24 16.54	3.0683	+0.0024	−1 43 24.8	+19.941	−0.056	6.07	1.0052	+0.06 +0.8	+0.03 −0.4[5]
44	**6.0**	**24 25.50**	**3.0612**	**+0.0009**	**−4 33 54.3**	**+19.939**	**−0.056**			**12 Ceti F.St.**	
45	8.0	25 55.60	3.0596	+0.0008	−4 53 7.1	+19.925	−0.059	8.58, 10.07	5.0075		
46	7.3	26 3.20	3.0662	+0.0020	−2 24 3.0	+19.924	−0.059	8.72	2.0069		−0.02 +0.1
47	7.5	27 34.81	3.0600	+0.0012	−4 27 18.2	+19.908	−0.062	6.36	4.0059		+0.05 −0.4
48	7.5	27 51.49	3.0691	+0.0028	−1 12 54.3	+19.905	−0.063	3.67	1.0060	+0.02 +0.7	+0.05 −0.4
49	7.7	28 52.03	3.0516	−0.0001	−7 6 28.3	+19.894	−0.065	9.50	7.0082		+0.11 −1.5[6]
50	7.0	28 52.79	3.0574	+0.0009	−5 9 12.4	+19.894	−0.065	9.93, 9.79	5.0083		+0.03 −0.7

[1] E.B. in α?
[2] E.B.N. +0″0038, +0″012
[3] E.B.C. +0″0094, −0″078 N. +0.0096, −0.063
[4] E.B.C. −0″0103, −0″090
[5] E.B.N. in δ +0″112
[6] E.B.C. −0″0068, −0″235

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
51	5.0	$0^h\,29^m\,35^s.19$	$3^s.0599$	$+0^s.0014$	$-4^\circ\,11'\,55''.0$	$+19''.886$	$-0''.066$	10.76	4.0062		$+0^s.07$ $-0''.7$[1]
52	5.8	29 53.96	3.0692	+0.0030	−1 6 35.9	+19.883	−0.067	5.86	1.0068	$+0^s.06$ $+0''.5$	$-0^s.04$ $+0''.2$
53	6.5	30 24.27	3.0534	+0.0004	−6 10 24.3	+19.877	−0.068	10.26, 9.58	6.0096		$+0^s.08$ $-1''.3$[2]
54	**6.8**	**32 27.07**	**3.0688**	**+0.0030**	**−1 6 30.3**	**+19.852**	**−0.071**			**15 Ceti F.St.**	
55	8.0	34 0.86	3.0598	+0.0019	−3 41 10.7	+19.833	−0.075	6.86	3.0079		
56	9.0	35 2.28	3.0549	+0.0013	−4 56 57.1	+19.819	−0.077	12.96	5.0100	1 Beob.	
57	6.3	35 6.36	3.0548	+0.0013	−4 57 19.8	+19.818	−0.077	7.53, 6.84	5.0101		$+0^s.03$ $+0''.5$
58	7.5	37 25.11	3.0556	+0.0017	−4 27 34.0	+19.786	−0.081	7.95	4.0085		$+0^s.03$ $-0''.6$
59	7.8	37 43.55	3.0459	+0.0005	−6 36 23.0	+19.782	−0.082	9.27, 8.63	7.0109		$+0^s.07$ $-0''.3$
60	6.8	39 30.87	3.0711	+0.0039	−0 20 49.7	+19.756	−0.085	5.20	0.0109	$+0^s.06$ $-0''.9$	$-0^s.04$ $-0''.3$[4]
61	6.5	39 48.14	3.0514	+0.0015	−5 13 56.1	+19.751	−0.086	8.56, 7.87	5.0120		$+0^s.08$ $-0''.5$
62	7.8	40 15.61	3.0724	+0.0041	−0 1 22.1	+19.744	−0.087	6.17	0.0110	$+0^s.01$ $+1''.4$	
63	7.9	41 4.57	3.0516	+0.0017	−5 1 13.1	+19.732	−0.088	10.39, 10.18	5.0124		[3]
64	7.8	41 14.68	3.0716	+0.0041	−0 13 21.7	+19.730	−0.089	9.45	0.0163	$-0^s.01$ $-0''.5$	schw.N,Gr.8.6
65	7.0	42 0.05	3.0601	+0.0027	−2 55 22.2	+19.717	−0.090	10.64	3.0099		$+0^s.11$ $+0''.4$
66	8.0	42 17.59	3.0442	+0.0009	−6 35 32.5	+19.712	−0.090	10.66	6.0139		
67	8.0	42 27.68	3.0540	+0.0021	−4 18 44.6	+19.710	−0.090	13.06, 13.07	4.0095		
68	8.0	42 42.52	3.0678	+0.0037	−1 5 19.1	+19.706	−0.091	3.85	1.0102	$0^s.0$ $-1''.7$	
69	7.8	42 54.65	3.0716	+0.0042	−0 13 3.2	+19.703	−0.091	8.10	0.0115	$+0^s.02$ $+0''.3$	schwach
70	7.0	44 16.65	3.0688	+0.0039	−0 49 24.8	+19.680	−0.092	6.21	1.0104	$-0^s.04$ $-0''.5$	$+0^s.03$ $-0''.4$
71	8.0	44 56.57	3.0455	+0.0014	−5 54 18.5	+19.669	−0.095	9.05, 9.03	6.0148		
72	7.2	45 33.68	3.0463	+0.0015	−5 38 3.8	+19.658	−0.096	8.92	5.0138		$-0^s.13$ $-0''.1$[5]
73	7.3	45 50.36	3.0551	+0.0025	−3 41 29.2	+19.651	−0.097	4.35	3.0113		$+0^s.08$ $+0''.1$
74	7.8	46 9.61	3.0411	+0.0010	−6 41 55.2	+19.648	−0.097	11.31, 10.62	6.0151		
75	5.2	47 23.16	3.0644	+0.0036	−1 44 30.2	+19.626	−0.100	5.59, 5.05	1.0114	$-0^s.03$ $-0''.2$	$+0^s.04$ $+0''.3$[6]
76	6.5	48 5.24	3.0476	+0.0020	−5 7 22.3	+19.613	−0.101	8.08, 7.40	5.0147		$+0^s.05$ $+0''.3$
77	7.6	49 55.36	3.0696	+0.0044	−0 34 30.7	+19.579	−0.105	4.35	0.0139	$+0^s.05$ $+0''.9$	
78	7.3	50 20.23	3.0504	+0.0025	−4 20 1.7	+19.569	−0.105	8.85	4.0114		$+0^s.02$ $+1''.4$
79	7.0	51 10.74	3.0557	+0.0030	−3 19 27.8	+19.555	−0.107	7.01	3.0132		
80	7.5	51 34.96	3.0712	+0.0046	−0 15 10.1	+19.547	−0.108	11.75, 11.57	0.0146	$-0^s.08$ $-0''.4$	$+0^s.07$ $-0''.7$
81	6.5	52 13.21	3.0601	+0.0036	−2 21 39.2	+19.535	−0.109	8.61	2.0131		$+0^s.03$ $-0''.6$
82	6.8	53 11.45	3.0376	+0.0015	−6 28 28.6	+19.515	−0.110	10.04, 9.35	6.0176		$-0^s.01$ $-0''.4$
83	7.8	53 26.62	3.0561	+0.0033	−3 2 50.5	+19.510	−0.111	8.23	3.0136		
84	7.7	53 42.80	3.0657	+0.0042	−1 16 2.8	+19.505	−0.112	4.85	1.0124	$+0^s.02$ 0.0	
85	7.8	54 7.06	3.0456	+0.0024	−4 54 54.5	+19.496	−0.112	12.17, 12.07	5.0166		
86	7.4	54 26.57	3.0582	+0.0036	−2 36 40.1	+19.490	−0.113	5.27	2.0136		$+0^s.06$ 0.0
87	7.4	55 3.51	3.0600	+0.0038	−2 15 4.3	+19.477	−0.115	8.08	2.0140	schwach	$-0^s.02$ $-1''.1$
88	7.5	55 26.85	3.0432	+0.0023	−5 14 22.5	+19.469	−0.114	10.78	5.0171		$+0^s.03$ $-0''.9$
89	7.3	56 0.73	3.0306	+0.0013	−7 23 30.9	+19.457	−0.115	9.90	7.0150		$-0^s.05$ $-0''.4$
90	5.3	57 28.72	3.0410	+0.0023	−5 25 30.1	+19.426	−0.118	9.90, 9.75	5.0177		$+0^s.12$ $-0''.9$[7]
91	7.8	59 3.16	3.0373	+0.0022	−5 54 41.8	+19.391	−0.121	10.84, 10.35	6.0201		
92	8.0	1 0 47.86	3.0643	+0.0045	−1 20 14.7	+19.352	−0.126	6.31	1.0144	$+0^s.08$ $-0''.7$	$+0^s.05$ $+0''.6$
93	8.0	1 10.87	3.0302	+0.0027	−5 14 18.4	+19.343	−0.125	11.25, 10.57	5.0189		
94	7.8	1 24.03	3.0385	+0.0025	−5 29 38.7	+19.338	−0.126	12.05	5.0190		$+0^s.02$ $-0''.8$
95	6.8	1 33.82	3.0581	+0.0041	−2 19 14.0	+19.334	−0.126	7.43, 7.94	2.0160		$+0^s.04$ $+1''.1$
96	9.0	2 5.48	3.0296	+0.0019	−6 50 4.9	+19.321	−0.127	13.03	7.0175	2 Beob.	
97	8.0	2 5.52	3.0517	+0.0036	−3 19 55.0	+19.321	−0.128	13.61	3.0153		
98	8.0	2 9.75	3.0391	+0.0026	−5 19 56.1	+19.320	−0.127	11.06, 9.88	5.0192	4 Beob.	
99	7.5	2 53.63	3.0296	+0.0020	−6 45 44.4	+19.303	−0.128	13.77	6.0212		
100	8.0	2 55.68	3.0557	+0.0040	−2 38 40.7	+19.302	−0.129	10.89	2.0167		

[1] E.B.C. $+0^s.0277$, $-0''.023$
[2] E.B.S. $+0^s.0093$, $-0''.058$
[3] E.B.C. $+0^s.0140$, $-0''.105$
[4] E.B.C. $+0^s.0159$, $-0''.056$
X. $+0.0147$
[5] E.B.C. $+0^s.0017$, $-0''.257$
[6] E.B.C. $+0^s.0189$, $-0''.112$
[7] E.B.N. $-0^s.0022$, $-0''.009$
[8] E.B. in α?

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radd.
101	8.0	$1^h\ 3^m 18^s.76$	$3^s.0386$	$+0^s.0027$	$-5°\ 18'\ 30''.6$	$+19''.293$	$-0''.128$	13.23	5.0195		
102	6.8	4 57.15	3.0288	+0.0022	−6 40 15.0	+19.253	−0.132	11.24, 9.69	6.0220		$+0^s.10$ $-0''.1$
103	7.3	5 9.00	3.0309	+0.0028	−5 25 41.4	+19.248	−0.133	11.35	5.0202		
104	8.0	5 35			−1 52				2.0175		
105	6.2	6 7.82	3.0537	+0.0040	−2 50 7.6	+19.224	−0.135	4.85, 4.86	3.0161		+0.13 −0.4
106	8.0	6 13.75	3.0657	+0.0049	−1 1 40.9	+19.222	−0.136	6.89, 5.72	1.0156	$+0^s.03$ $+0^s.3$	
107	6.5	7 15.50	3.0225	+0.0019	−7 22 1.2	+19.196	−0.136	10.20, 10.13	7.0196		+0.03 +0.1
108	7.5	7 46.81	3.0512	+0.0040	−3 8 2.2	+19.182	−0.138	10.07, 9.97	3.0164		+0.09 −0.6
109	7.3	8 17.58	3.0352	+0.0029	−5 25 45.7	+19.169	−0.138	11.87, 11.42	5.0210		+0.10 −0.2
110	7.5	8 56.63	3.0335	+0.0030	−5 37 33.5	+19.152	−0.139	12.11	5.0215		[1]
111	5.8	9 12.22	3.0617	+0.0048	−1 33 46.1	+19.146	−0.141	6.22, 6.17	1.0162	−0.02 +1.7	+0.13 -0.2^2
112	**6.0**	**11 1.19**	**3.0506**	**+0.0042**	**−3 4 45.8**	**+19.098**	**−0.144**			**39 Ceti F.St.**	
113	7.0	11 21.15	3.0521	+0.0043	−2 51 20.3	+19.089	−0.145	13.00	3.0174		+0.11 -0.2^3
114	7.8	11 48.43	3.0277	+0.0027	−6 12 44.2	+19.077	−0.144	10.56	6.0244		
115	8.0	13 0.77	3.0620	+0.0052	−1 26 21.6	+19.044	−0.148	9.28	1.0167	+0.17 −3.2	[4]
116	8.0	14 3.37	3.0286	+0.0030	−5 54 17.3	+19.015	−0.149	11.51, 11.13	6.0251		
117	5.8	14 10.81	3.0643	+0.0053	−1 5 12.7	+19.012	−0.150	8.53	1.0171	−0.03 −0.4	+0.02 −0.5
118	6.5	14 59.53	3.0438	+0.0040	−3 49 28.8	+18.986	−0.151	10.66, 10.40	4.0185		−0.02 −0.5
119	7.3	15 16.08	3.0583	+0.0049	−1 53 17.2	+18.981	−0.152	10.74	2.0198	−0.02 −0.9	+0.05 0.0
120	6.5	15 44.80	3.0213	+0.0027	−6 44 7.3	+18.968	−0.151	12.93, 12.35	6.0256		−0.02 −0.8
121	7.2	16 57.23	3.0646	+0.0056	−1 1 30.7	+18.933	−0.155	8.96	1.0179	−0.02 −0.7	+0.05 -0.3^5
122	7.8	16 59.00	3.0388	+0.0039	−4 22 33.2	+18.932	−0.154	11.50	4.0193		+0.06 −0.4
123	8.0	17 12.69	3.0736	+0.0060	+0 8 37.6	+18.926	−0.156	9.69	0.0210	−0.05 −1.3	[6]
124	7.4	18 18.63	3.0224	+0.0030	−6 23 17.1	+18.894	−0.156	13.31, 13.35	6.0264		
125	8.0	18 44.86	3.0486	+0.0046	−3 2 47.6	+18.881	−0.158	12.66, 12.21	3.0191		
126	6.0	18 48.68	3.0133	+0.0025	−7 29 19.7	+18.879	−0.156	13.18	7.0223		+0.02 −0.1
127	7.8	19 4.15	3.0603	+0.0053	−1 32 38.5	+18.871	−0.159	12.66, 12.44	1.0182	−0.03 −0.2	
128	5.8	19 13.32	3.0454	+0.0044	−3 25 16.9	+18.867	−0.159	13.59, 13.63	3.0195		+0.11 +0.1
129	7.8	19 16.85	3.0124	+0.0025	−7 33 28.9	+18.865	−0.157	13.76	7.0224		
130	7.0	19 27.97	3.0206	+0.0030	−6 31 10.8	+18.860	−0.158	13.80	6.0270		−0.03 +0.5
131	6.8	20 17.66	3.0364	+0.0040	−4 29 57.9	+18.835	−0.160	13.43	4.0207		+0.10 −0.5
132	7.7	20 30.51	3.0502	+0.0048	−2 46 23.1	+18.828	−0.161	13.64	2.0213		
133	8.0	20 36.49	3.0141	+0.0027	−7 13 39.5	+18.825	−0.159	13.90	7.0229		
134	7.8	20 36.40	3.0302	+0.0036	−5 14 36.2	+18.820	−0.161	11.82, 11.45	5.0258		
135	7.2	20 49.51	3.0647	+0.0056	−0 58 14.3	+18.819	−0.163	3.88	1.0189	+0.01 −0.2	−0.03 0.0^7
136	7.8	21 21.68	3.0667	+0.0058	−0 43 7.9	+18.803	−0.163	2.06	0.0229	+0.10 −2.7	[8]
137	7.4	22 28.18	3.0511	+0.0049	−2 36 18.9	+18.770	−0.165	11.48, 11.51	2.0221		+0.03 +0.4
138	7.8	23 28.81	3.0202	+0.0033	−6 16 12.6	+18.737	−0.165	12.14, 11.71	6.0278		
139	7.7	24 14.79	3.0709	+0.0062	−0 11 40.3	+18.713	−0.168	3.88	0.0240	+0.01 +0.2	
140	7.0	24 20.77	3.0206	+0.0034	−6 9 51.7	+18.710	−0.166	11.56	6.0280		0.00 −1.2
141	7.2	25 26.52	3.0254	+0.0027	−5 31 40.2	+18.675	−0.169	11.62, 11.04	5.0271		+0.02 [9] +0.3
142	7.8	25 39.72	3.0074	+0.0028	−7 35 59.8	+18.668	−0.168	13.21	7.0246		+0.02 −0.3
143	7.6	26 29.63	3.0096	+0.0030	−7 17 7.9	+18.642	−0.170	11.16, 11.37	7.0250		+0.02 +0.5
144	8.4	26 30.23	3.0168	+0.0034	−6 27 29.8	+18.641	−0.170	11.85	6.0289	1 Beob.	
145	8.3	28 0.73	3.0513	+0.0053	−2 25 50.4	+18.592	−0.175	7.90	2.0242	3 Beob.	
146	6.1	28 10.74	3.0057	+0.0029	−7 35 15.3	+18.587	−0.172	10.37, 10.16	7.0256		+0.18 -0.3^{10}
147	8.0	28 56.95	3.0066	+0.0063	−0 10 50.0	+18.561	−0.177	3.88	0.0253	+0.01 −1.4	
148	7.5	29 11.16	3.0495	+0.0052	−2 35 46.3	+18.554	−0.177	11.09	2.0250		
149	6.3	29 16.05	3.0363	+0.0045	−4 5 12.0	+18.550	−0.176	10.88	4.0237		+0.03 −0.4
150	7.5	29 30.71	3.0168	+0.0051	−2 53 56.1	+18.543	−0.177	12.02, 11.93	3.0224		

[1] E.B.C. −0°.0114, −0°.098 [2] E.B.C. +0°.049, −0°.133 [3] E.B.N. −0°.0013, +0°.002 [4] E.B.N. +0°.0018, +0°.002 [5] E.B.C. +0°.0106, −0°.079
[6] E.B.C. −0°.0050, +0°.214 [7] E.B.C. +0°.0284, −0°.260 [8] E.B.C. −0°.0070, −0°.307 [9] E.B.C. +0°.0180, −0°.359
N. −0.0063, +0.220 N. +0.027, −0.19 N. −0.007, −0.23 N. +0.0180, −0.318

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
151	8.0	$1^h 30^m 7^s.57$	$3^s.0219$	$+0^s.0039$	$-5° 38' 29''.1$	$+18''.822$	$-0''.177$	11.63, 11.23	5.0285		
152	6.5	31 38.79	3.0643	+0.0001	−0 54 33.8	+18.471	−0.182	8.09	1.0219	$-0^s.05$ +1.1	$+0^s.09$ $-0^s.4$[1]
153	8.0	31 39.90	3.0297	+0.0044	−4 42 14.9	+18.470	−0.180	11.47	4.0248		
154	7.8	32 3.44	3.0054	+0.0032	−7 19 5.9	+18.457	−0.180	12.71, 12.16	7.0268		+0.16 −1.2
155	6.7	32 17.65	3.0359	+0.0047	−4 0 3.5	+18.449	−0.181	11.05	4.0249		+0.03 −1.0
156	7.3	33 13.85	3.0142	+0.0037	−6 17 36.3	+18.316	−0.182	10.88	6.0307		
157	8.8	33 32.94	3.0363	+0.0053	−2 50 0.7	+18.306	−0.184	5.71	3.0231	1 Beob.	0.00 −0.9
158	7.8	33 46.86	3.0730	+0.0067	+0 3 10.0	+18.297	−0.186	3.88	0.0257	+0.01 +1.2	
159	7.2	34 20.34	3.0650	+0.0063	−0 48 0.7	+18.373	−0.187	8.56, 9.29	0.0248	−0.04 +0.2	+0.01 +0.2
160	7.0	35 11.32	3.0426	+0.0052	−3 10 40.3	+18.348	−0.187	10.57	3.0239		−0.02 −0.5
161	7.8	35 45.07	3.0625	+0.0062	−1 3 46.4	+18.328	−0.189	13.07	1.0230	+0.03 +0.4	
162	8.0	36 3.00	3.0391	+0.0051	−3 30 58.6	+18.318	−0.189	13.13	3.0241		
163	8.0	36 48.53	3.0573	+0.0060	−1 35 33.5	+18.290	−0.191	3.86	1.0232	+0.08 +0.1	
164	7.7	36 49.01	3.0465	+0.0058	−2 42 54.4	+18.290	−0.190	7.04	2.0278		
165	5.3	37 9.77	3.0317	+0.0048	−4 14 39.9	+18.278	−0.190	10.17, 9.84	4.0260		+0.05 −0.7
166	6.5	38 22.43	3.0207	+0.0044	−5 19 6.6	+18.234	−0.191	11.41	5.0309		+0.01 −0.9
167	7.0	39 13.29	3.0005	+0.0036	−7 19 9.2	+18.203	−0.191	10.61, 9.92	7.0287		+0.16 −0.7
168	7.3	39 46.99	3.0359	+0.0052	−3 43 17.5	+18.182	−0.195	6.57	3.0250		+0.07 −0.1
169	7.8	40 14.33	3.0480	+0.0058	−2 28 39.8	+18.165	−0.196	7.54	2.0291		
170	7.8	40 24.77	3.0251	+0.0047	−4 46 44.4	+18.159	−0.195	11.61	4.0279		
171	**5.8**	**40 27.98**	**3.0100**	**+0.0041**	**−6 17 1.9**	**+18.157**	**−0.194**			**P.I, 167 F.St.**	
172	7.8	41 29.03	3.0358	+0.0053	−3 39 53.3	+18.119	−0.197	10.05	3.0258		
173	8.0	41 57.96	3.0686	+0.0068	−0 23 39.5	+18.101	−0.200	10.54	0.0274	−0.03 −0.8	+0.08 +0.1
174	8.0	42 20.09	3.0574	+0.0063	−1 30 19.0	+18.087	−0.200	8.43	1.0244	+0.07 0.0	$+0.16$ -0.9[2]
175	7.4	44 43.82	2.9975	+0.0038	−7 15 6.2	+17.995	−0.201	10.33	7.0307		+0.06 −0.1
176	8.0	44 56.07	3.0287	+0.0052	−4 14 27.2	+17.987	−0.203	12.03	4.0282		
177	7.3	45 55.01	3.0229	+0.0050	−4 45 47.2	+17.949	−0.204	13.18	4.0283		+0.05 +0.2
178	7.0	46 1.20	3.0394	+0.0057	−3 10 54.8	+17.945	−0.206	5.37	3.0268		−0.02 −0.9
179	6.8	46 8.10	2.9948	+0.0038	−7 25 7.0	+17.941	−0.203	13.05	7.0310		+0.01 −0.5
180	7.3	47 31.36	3.0529	+0.0063	−1 51 32.6	+17.886	−0.209	11.07	2.0311	−0.05 +0.2	[3]
181	8.0	48 52.14	3.0539	+0.0064	−1 14 29.3	+17.833	−0.211	7.73, 8.29	1.0260	+0.09 +1.4	+0.10 +0.2[4]
182	7.5	49 6.87	2.9993	+0.0042	−6 48 48.1	+17.823	−0.208	10.22, 9.53	6.0360		+0.02 +0.9
183	7.9	49 18.21	2.9957	+0.0041	−7 7 53.0	+17.815	−0.208	11.42, 11.21	7.0319		
184	7.8	50 46.25	3.0213	+0.0052	−4 43 1.6	+17.756	−0.212	8.58, 7.89	4.0303		+0.03 0.0
185	7.7	52 1.51	2.9914	+0.0041	−7 21 55.8	+17.705	−0.213	9.36	7.0330		
186	6.7	52 23.93	3.0440	+0.0062	−2 35 46.9	+17.689	−0.217	4.87	2.0330		+0.06 −0.5
187	8.2	52 34.62	3.0192	+0.0052	−4 50 8.0	+17.682	−0.215	11.85	5.0357	1 Beob.	
188	8.4	52 50.16	3.0433	+0.0061	−2 38 39.6	+17.671	−0.217	5.88	2.0331	1 Beob.	
189	7.0	52 58.66	2.9879	+0.0040	−7 36 55.1	+17.668	−0.214	10.63, 9.94	7.0334		+0.09 +0.6
190	7.7	54 35.93	3.0185	+0.0053	−4 49 5.6	+17.598	−0.219	9.36	4.0311		
191	7.0	54 41.61	3.0288	+0.0057	−3 54 6.7	+17.594	−0.220	9.53, 8.59	4.0312		0.00 −0.5
192	7.7	55 20.31	3.0384	+0.0061	−3 1 45.9	+17.560	−0.222	4.86	3.0300		
193	7.0	57 17.17	3.0393	+0.0062	−2 54 25.9	+17.484	−0.224	9.39	3.0304		+0.07 +0.1
194	6.0	57 33.22	3.0679	+0.0073	−0 24 8.0	+17.472	−0.227	13.20	0.0307	+0.03 −1.4	+0.08 -1.3[5]
195	7.5	57 53.68	3.0166	+0.0054	−4 51 34.8	+17.458	−0.224	11.48	5.0381		
196	6.0	58 7.99	3.0191	+0.0055	−4 37 51.4	+17.447	−0.225	13.75	4.0324		−0.03 −0.5
197	**6.5**	**58 10.30**	**3.0625**	**+0.0071**	**−0 52 5.0**	**+17.446**	**−0.228**			**61 Ceti F.St.**	
198	7.8	58 20.19	3.0351	+0.0061	−3 14 27.9	+17.439	−0.226	12.53	3.0308		
199	7.5	58 44.21	3.0091	+0.0048	−6 14 23.6	+17.421	−0.224	13.09	6.0397		
200	8.0	59 40.99	3.0502	+0.0074	−0 12 12.3	+17.380	−0.231	9.30, 9.66	0.0315	−0.01 −1.5	

[1] E.B.N. in δ −0.07
[2] schwach
[3] E.B.C. −0.0131, −0.349
N. −0.012, −0.34
[4] schwach
[5] E.B.N. +0.0034, +0.0032

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
201	7.3	2^h 0^m42^s98	3.0150	+0.0054	−4° 53′ 25″0	+17.335	−0.228	9.06, 9.03	5.0388		+0.02 +1.0
202	7.3	0 51.10	3.0668	+0.0073	−0 29 25.2	+17.320	−0.233	8.02	0.0318	−0.03 −0.6	+0.10 −1.0
203	7.9	1 20.87	3.0448	+0.0065	−2 20 53.5	+17.307	−0.232	10.84, 10.14	2.0362		
204	7.5	1 30.05	3.0165	+0.0055	−4 44 30.6	+17.300	−0.230	9.90	4.0338		+0.02 +0.1
205	7.5	1 59.16	3.0591	+0.0071	−1 7 51.4	+17.279	−0.234	10.64	1.0293	−0.04 +1.2	−0.01 −0.3[1]
206	8.3	2 49.96	3.0613	+0.0072	−0 56 34.4	+17.241	−0.235	13.63	1.0296	−0.04 −0.8	1 Beob.
207	6.8	3 3.00	2.9861	+0.0046	−7 12 3.1	+17.231	−0.230	12.16, 11.69	7.0366		+0.08 −0.1
208	7.8	3 5.60	3.0611	+0.0072	−0 57 32.1	+17.230	−0.236	9.83	1.0297	−0.02 +0.4	+0.05 −0.1
209	**7.4**	**3 35.25**	**3.0386**	**+0.0064**	**−2 51 8.5**	**+17.207**	**−0.235**			**62 Ceti F.St.**	
210	6.3	6 0.70	3.0439	+0.0067	−2 20 33.9	+17.097	−0.239	6.91, 6.12	2.0375		+0.10 +0.2
211	7.8	6 12.09	2.9909	+0.0049	−6 39 9.0	+17.089	−0.236	8.38, 8.45	6.0421		
212	7.9	7 6.88	3.0388	+0.0066	−2 44 39.0	+17.047	−0.241	6.74	2.0379		
213	5.9	7 10.23	3.0367	+0.0065	−2 54 28.8	+17.044	−0.241	6.91, 7.73	3.0336		+0.08 +0.1[2]
214	7.7	8 8.36	3.0286	+0.0063	−3 32 47.4	+16.999	−0.242	8.78, 8.36	3.0340		
215	7.7	8 51.81	3.0003	+0.0053	−5 46 59.3	+16.966	−0.240	8.34, 8.41	5.0411		+0.06 +0.2
216	8.2	9 26.99	2.9826	+0.0048	−7 9 51.4	+16.938	−0.240	8.93	7.0387	1 Beob.	
217	7.5	11 28.98	2.9823	+0.0049	−7 5 18.8	+16.842	−0.244	10.08	7.0392		
218	**6.0**	**11 29.78**	**2.9849**	**+0.0050**	**−6 55 45.2**	**+16.842**	**−0.243**			**67 Ceti F.St.**	
219	7.8	12 12.52	3.0491	+0.0068	−2 32 59.7	+16.808	−0.249	4.67	2.0389		
220	8.0	13 38.97	3.0560	+0.0073	−1 17 9.9	+16.739	−0.253	10.92, 9.37	1.0316	−0.11 −0.1	N.Gr. 8.6
221	**var.**	**13 47.34**	**3.0278**	**+0.0064**	**−3 28 38.4**	**+16.726**	**−0.251**			***o* Ceti F.St.**	
222	7.0	14 9.14	3.0098	+0.0059	−4 51 8.1	+16.715	−0.250	12.71, 12.72	5.0438		+0.11 −0.3
223	7.5	14 27.12	2.9839	+0.0051	−6 49 37.4	+16.700	−0.248	12.42	6.0453		
224	8.0	15 2.51	2.9828	+0.0051	−6 52 58.6	+16.671	−0.249	12.63, 13.14	7.0407		
225	7.8	16 3.14	3.0640	+0.0051	−0 39 6.3	+16.622	−0.250	5.71	0.0354	−0.02 −0.7	
226	8.0	16 6.21	3.0614	+0.0075	−0 51 14.5	+16.620	−0.257	9.77	1.0321	+0.02 +0.7	
227	5.5	16 18.42	3.0711	+0.0070	−0 6 25.4	+16.610	−0.258	12.08, 11.20	0.0355	−0.04 −0.3	−0.04 −0.5[3]
228	5.8	16 36.10	3.0544	+0.0073	−1 23 9.5	+16.595	−0.257	7.10	1.0322	0.00 +0.7	+0.05 +0.4[4]
229	7.0	17 53.06	2.9837	+0.0053	−6 41 32.3	+16.531	−0.253	9.34	6.0470		+0.03 +0.2
230	7.0	19 24.41	3.0139	+0.0062	−4 23 21.3	+16.456	−0.258	9.06, 8.35	4.0394		+0.05 −0.5
231	6.7	19 24.82	3.0288	+0.0067	−3 16 41.6	+16.456	−0.259	5.67	3.0374		0.00 +0.3
232	8.0	21 52.79	3.0556	+0.0075	−1 14 46.0	+16.332	−0.256	6.54	1.0338	+0.02 +1.2	+0.07 +0.3
233	6.8	22 11.34	2.9713	+0.0051	−7 25 18.2	+16.316	−0.259	7.91, 8.05	7.0432		
234	7.5	24 56.63	2.9962	+0.0059	−5 31 13.6	+16.175	−0.265	7.90, 7.78	5.0471		−0.04 −0.6
235	7.8	24 57.19	3.0427	+0.0072	−2 9 38.2	+16.174	−0.269	6.70	2.0423		
236	6.5	25 7.51	3.0693	+0.0080	−0 13 54.3	+16.165	−0.272	6.78	0.0378	0.00 +0.5	+0.03 −0.4
237	5.6	26 33.51	3.0513	+0.0075	−1 31 15.3	+16.091	−0.272	9.24, 8.76	1.0353	+0.05 −0.5	0.00 −0.6[5]
238	7.0	28 38.48	2.9859	+0.0058	−6 7 9.8	+15.981	−0.270	7.88, 8.03	6.0502		+0.09 +0.2[6]
239	7.0	29 49.07	3.0153	+0.0066	−4 1 43.4	+15.919	−0.274	8.08, 7.29	4.0426		0.00 +1.4[7]
240	7.7	30 49.80	3.0566	+0.0077	−1 7 8.2	+15.865	−0.279	4.57	1.0363	+0.06 −0.1	
241	7.2	31 33.78	3.0322	+0.0071	−2 48 48.3	+15.825	−0.278	8.69, 8.45	2.0452		+0.03 +0.5
242	**6.0**	**32 9.29**	**3.0167**	**+0.0067**	**−3 52 21.3**	**+15.794**	**−0.278**			**81 Ceti F.St.**	
243	8.0	32 49.63	3.0453	+0.0075	−1 53 6.0	+15.757	−0.281	13.20	2.0456	−0.08 +0.2	
244	8.0	33 43.49	3.0380	+0.0073	−2 22 34.6	+15.709	−0.282	13.41, 13.37	2.0462		
245	7.8	33 45.28	3.0355	+0.0072	−2 32 51.7	+15.707	−0.282	8.09, 8.21	2.0463		
246	**4.0**	**33 50.63**	**3.0704**	**+0.0082**	**−0 8 46.6**	**+15.702**	**−0.286**			**δ Ceti F.St.**	
247	8.3	35 6.37	3.0375	+0.0073	−2 34 50.7	+15.633	−0.284	13.08	2.0469	1 Beob.	
248	6.2	35 35.82	3.0555	+0.0078	−1 9 49.8	+15.606	−0.287	9.47, 9.39	1.0377	0.00 −0.1	+0.10 −0.9[8]
249	7.3	35 51.69	3.0736	+0.0083	+0 4 30.5	+15.592	−0.289	12.87	0.0410	−0.04 0.0	
250	6.3	36 16.01	3.0183	+0.0068	−3 41 3.4	+15.569	−0.284	8.09	3.0421		+0.05 −0.3

[1] E.B.C. −0″0236, −0″364 N. −0.0180, −0.400
[2] E.B.C. +0″0228, −0″058 E.B.N. −0″0015, −0″015
[3] E.B.C. −0″0026, −0″052 E.B.N. −0″0020, −0″032
[4] dpl. m.
[5] E.B.C. −0″0122, −0″443
[6] E.B.C. +0″0116, −0″128 N. +0.0143, −0.137
[7] E.B.C. −0″0116, −0″128 N. +0.0143, −0.137
[8] E.B.C. −0″0116, −0″128 N. +0.0143, −0.137

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
251	8.1	$2^h 36^m 20^s.30$	3.0737	+0.0083	+0° 4′ 46″.2	+15.565	−0.289	9.36, 5.84	0.0411	−0.04 +0.2	2 Beob.
252	7.6	37 40.25	2.9666	+0.0057	−7 6 35.9	+15.492	−0.281	9.77, 9.65	7.0474		
253	6.7	37 55.24	3.0280	+0.0071	−2 59 59.4	+15.478	−0.288	4.73	3.0426		+0.05 −0.4
254	7.0	38 32.21	2.9757	+0.0059	−6 28 36.7	+15.443	−0.283	9.15, 9.16	6.0524		+0.04 −0.3
255	8.0	39 6.49	3.0529	+0.0078	−1 18 42.4	+15.412	−0.291	6.58	1.0388	0.00 +0.7	
256	7.7	40 29.91	2.9908	+0.0063	−5 25 12.2	+15.333	−0.288	9.54, 9.02	5.0514		+0.11 +0.3
257	7.9	41 7.80	2.9639	+0.0057	−7 9 49.7	+15.298	−0.286	8.41	7.0489		
258	8.0	41 19.00	2.9771	+0.0060	−6 17 38.5	+15.287	−0.288	9.14, 8.88	6.0540		
259	7.3	42 41.48	3.0104	+0.0068	−4 4 42.1	+15.209	−0.293	13.66	4.0470		
260	7.2	43 1.43	2.9778	+0.0061	−6 11 50.4	+15.190	−0.290	8.60, 7.90	6.0540		0.00 −0.4
261	7.7	43 26.77	2.9864	+0.0063	−5 37 35.5	+15.166	−0.291	10.69, 9.86	5.0524		
262	7.0	43 32.09	3.0009	+0.0066	−4 40 57.3	+15.161	−0.293	13.50	4.0476		+0.03 +0.4
263	7.2	44 52.51	2.9886	+0.0064	−5 26 32.3	+15.083	−0.294	7.28, 7.42	5.0528		+0.17 −0.3
264	7.5	44 54.25	2.9603	+0.0058	−7 15 41.3	+15.082	−0.291	9.96	7.0505		+0.12 −0.2
265	8.0	45 49.90	3.0549	+0.0079	−1 8 32.5	+15.029	−0.301	7.14, 7.08	1.0398	+0.02 +0.8	0.00 +0.2
266	7.7	45 49.91	3.0191	+0.0071	−3 27 4.9	+15.029	−0.298	7.67	3.0453		+0.01 +0.2
267	8.0	45 51.55	3.0668	+0.0082	−0 22 5.5	+15.027	−0.303	9.50, 8.98	0.0443	−0.09 +0.6	
268	8.0	46 35.04	3.0554	+0.0079	−1 6 7.7	+14.988	−0.303	11.19	1.0401	+0.10 −2.7	
269	7.3	47 44.40	2.9834	+0.0063	−5 41 57.6	+14.917	−0.297	7.92, 8.66	5.0536		+0.01 +0.4
270	7.8	48 0.33	3.0399	+0.0076	−2 5 27.8	+14.902	−0.303	8.08	2.0511		
271	7.5	48 13.03	2.9990	+0.0067	−4 41 48.3	+14.890	−0.299	13.67	4.0491		
272	6.8	49 9.49	3.0647	+0.0082	−0 29 50.3	+14.834	−0.307	4.28	0.0450	−0.02 +0.5	+0.02 +0.1
273	7.0	49 10.26	2.9815	+0.0063	−5 46 42.2	+14.833	−0.299	10.94	5.0541		+0.10 −0.3
274	8.0	49 25.81	3.0134	+0.0070	−3 45 11.6	+14.818	−0.303	10.28	3.0459		
275	7.7	49 35.59	3.0724	+0.0084	−0 0 31.7	+14.809	−0.309	10.63, 10.18	0.0451	+0.07 −1.2	+0.03 −0.2
276	9.0	49 49.85	2.9911	+0.0065	−5 9 27.6	+14.795	−0.301	8.81	5.0542	1 Beob.	+0.29 +1.5
277	5.3	51 6.56	3.0066	+0.0069	−4 9 20.8	+14.719	−0.304	12.50, 12.00	4.0502		
278	8.0	51 13.09	2.9803	+0.0063	−5 47 40.3	+14.712	−0.302	11.11	5.0546		
279	7.5	51 31.72	3.0726	+0.0084	+0 0 16.0	+14.694	−0.311	10.16	0.0460	−0.01 +1.6	+0.03 +0.3
280	7.5	51 34.02	3.0563	+0.0080	−1 1 6.4	+14.692	−0.310	10.48, 9.71	1.0419	0.00 +0.9	+0.02 +0.1
281	7.9	52 26.06	3.0282	+0.0074	−2 46 42.4	+14.640	−0.308	4.07	2.0526		
282	5.5	53 9.55	3.0209	+0.0072	−3 13 17.9	+14.596	−0.308	8.08, 7.77	3.0470		−0.02 −0.3
283	8.0	53 9.57	2.9980	+0.0067	−4 38 56.4	+14.596	−0.306	12.17, 12.14	4.0506		
284	7.3	53 39.29	2.9885	+0.0065	−5 13 22.2	+14.567	−0.306	9.42	5.0554		+0.02 +0.6
285	7.8	54 2.57	2.9992	+0.0068	−4 33 18.3	+14.543	−0.307	9.96	4.0511		
286	6.2	54 7.92	3.0258	+0.0073	−2 54 11.1	+14.538	−0.310	12.39	3.0478		+0.01 +0.5
287	6.7	54 11.59	2.9493	+0.0058	−7 37 3.8	+14.534	−0.303	11.57	7.0533		0.00 −1.3
288	7.8	54 28.99	3.0364	+0.0076	−2 14 33.6	+14.517	−0.312	8.39, 8.61	2.0532		
289	8.0	54 36.25	3.0062	+0.0069	−4 6 40.3	+14.509	−0.309	13.24, 12.19	4.0512		
290	6.8	55 18.34	3.0189	+0.0072	−3 18 56.0	+14.467	−0.311	8.93	3.0478		+0.07 −0.1
291	8.0	56 16.55	3.0506	+0.0070	−1 21 10.5	+14.408	−0.316	5.15	1.0434	+0.05 +2.3	0.00 +0.6
292	6.3	56 42.83	2.9594	+0.0060	−6 55 27.9	+14.381	−0.307	8.58, 8.19	7.0537		+0.11 −0.2[1]
293	7.3	57 27.11	3.0314	+0.0075	−2 31 9.3	+14.339	−0.315	5.36	2.0538		+0.03 +0.5
294	6.0	58 9.21	2.9725	+0.0063	−6 5 22.4	+14.293	−0.310	9.41	6.0504		
295	7.0	58 38.18	2.9792	+0.0064	−5 40 25.9	+14.264	−0.311	12.07	5.0508		+0.03 +0.5
296	8.0	58 42.16	2.9943	+0.0068	−4 45 23.1	+14.260	−0.313	10.74	4.0520		+0.12 +0.4
297	5.3	3 1 7.05	2.9641	+0.0062	−6 30 51.3	+14.110	−0.313	8.56, 8.18	6.0666		+0.06 −0.8
298	8.0	1 13.74	2.9547	+0.0061	−7 4 8.8	+14.103	−0.312	8.40	7.0546		
299	6.8	1 38.63	3.0355	+0.0076	−2 13 36.6	+14.078	−0.321	4.39	2.0554		+0.01 0.0[2]
300	7.8	1 51.58	2.9756	+0.0064	−5 48 32.9	+14.064	−0.315	9.90	5.0581		

[1] E.B.C. +0.0012, −0.145

[2] 11 Beob.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
301	7.7	3^h $4^m43^s.62$	3.0369	+0.0077	−2° 6′ 46″.7	+13.″884	−0.″326	4.71	2.0563		
302	7.3	4 57.99	3.0380	+0.0083	−0 12 16.7	+13.869	−0.329	7.78	0.0498	+0.04 +0.″7	+0.02 0.″0[1]
303	7.8	5 10.70	2.9742	+0.0065	−5 48 43.2	+13.856	−0.320	8.60, 7.42	5.0592		
304	8.0	5 17.47	2.9548	+0.0061	−6 56 37.5	+13.848	−0.317	10.75	7.0557		
305	6.4	5 48.34	3.0009	+0.0070	−4 13 40.3	+13.816	−0.323	12.82	4.0540		+0.03 −1.1
306	7.8	6 3.81	3.0571	+0.0081	−0 54 32.8	+13.800	−0.329	12.27	1.0451	−0.03 +0.8	+0.10 −0.1
307	8.0	6 24.32	3.0673	+0.0083	−0 18 28.3	+13.778	−0.331	13.58	0.0503	+0.01 −0.5	
308	**5.3**	**7 9.58**	**3.0451**	**+0.0079**	**−1 36 28.2**	**+13.730**	**−0.329**			**94 Ceti F.St.**	
309	7.2	8 29.40	2.9510	+0.0061	−7 4 18.3	+13.645	−0.321	9.62	7.0569		[2]
310	7.2	9 2.90	3.0253	+0.0075	−2 44 35.7	+13.609	−0.330	6.58	2.0581		+0.03 +0.3
311	7.3	9 16.66	2.9499	+0.0061	−7 6 44.5	+13.594	−0.322	12.19	7.0574		+0.09 −0.1
312	6.0	10 34.51	2.9630	+0.0063	−6 19 32.7	+13.510	−0.328	10.13, 9.78	6.0636		−0.04 −0.1
313	6.3	10 54.94	2.9662	+0.0064	−6 8 11.3	+13.488	−0.326	12.71	6.0638		+0.10 −0.7
314	6.8	10 58.10	2.9913	+0.0069	−4 41 34.8	+13.485	−0.329	12.44	4.0558		+0.03 −1.2
315	7.5	11 9.20	3.0044	+0.0071	−3 56 5.5	+13.473	−0.331	13.83	4.0560		
316	8.0	11 13.25	3.0073	+0.0072	−3 46 11.3	+13.469	−0.331	4.63	3.0525		
317	7.5	11 40.09	2.9937	+0.0069	−4 32 39.4	+13.440	−0.330	12.42	4.0561		
318	6.2	12 44.60	3.0494	+0.0079	−1 19 52.2	+13.370	−0.337	5.05	1.0469	+0.02 +0.3	−0.06 +0.4[3]
319	7.3	13 27.82	3.0159	+0.0073	−3 14 28.9	+13.323	−0.335	7.40, 6.51	3.0534		+0.08 +1.3[4]
320	7.7	14 27.86	3.0376	+0.0077	−1 59 29.3	+13.257	−0.338	7.00	2.0604	+0.28 +0.1	
321	7.7	16 43.57	2.9745	+0.0066	−5 31 56.1	+13.108	−0.334	8.97, 8.46	5.0628		
322	8.0	19 1.96	3.0025	+0.0072	−3 55 32.6	+12.955	−0.340	12.09	4.0585		
323	7.9	19 34.41	2.9699	+0.0066	−5 43 44.3	+12.918	−0.337	8.82	5.0642		[5]
324	6.9	19 40.54	2.9854	+0.0068	−4 52 7.8	+12.911	−0.339	11.91	4.0586		0.00 +0.2
325	8.0	19 46.37	2.9446	+0.0062	−7 7 27.1	+12.905	−0.334	13.17, 13.18	7.0596		
326	7.0	19 51.87	2.9822	+0.0067	−5 2 37.5	+12.899	−0.339	10.00	5.0644		+0.07 +0.9
327	7.3	21 11.29	3.0661	+0.0081	−0 21 33.3	+12.810	−0.349	3.37	0.0546	−0.02 +0.8	0.00 −0.1
328	8.0	21 49.05	3.0094	+0.0072	−3 30 21.5	+12.768	−0.344	13.26	3.0554		−0.07 +0.2
329	8.0	22 35.71	3.0208	+0.0074	−2 51 42.2	+12.715	−0.346	5.70, 5.63	2.0633		
330	6.2	24 15.86	2.9415	+0.0062	−7 10 51.9	+12.602	−0.339	10.99	7.0606		+0.01 −0.9
331	**4.8**	**25 9.54**	**2.9729**	**+0.0066**	**−5 27 9.5**	**+12.541**	**−0.344**			**17 Eridani F.St.**	
332	7.8	25 10.33	2.9877	+0.0069	−4 39 0.2	+12.540	−0.345	12.47	4.0609		
333	7.0	25 27.38	3.0569	+0.0080	−0 51 25.2	+12.520	−0.354	4.54	0.0560	−0.04 +0.1	+0.10 −0.4
334	7.3	26 9.41	3.0017	+0.0071	−3 52 23.2	+12.473	−0.348	7.43	4.0613		
335	7.3	26 52.43	2.9351	+0.0068	−7 27 45.3	+12.423	−0.341	12.78	7.0618		
336	8.1	26 55.88	2.9856	+0.0068	−4 43 53.9	+12.419	−0.347	5.88	4.0618	1 Beob.	
337	7.5	27 38.29	3.0315	+0.0075	−2 13 56.8	+12.370	−0.353	7.81	2.0652		+0.01 −0.4
338	8.0	28 5.71	2.9921	+0.0069	−4 21 49.3	+12.339	−0.348	11.65	4.0622		
339	7.7	28 15.50	2.9284	+0.0060	−7 47 9.7	+12.328	−0.342	8.82	7.0624		
340	7.8	28 51.61	2.9449	+0.0062	−6 53 25.5	+12.286	−0.345	9.58, 9.76	7.0627		
341	7.4	29 22.99	3.0026	+0.0071	−3 46 46.4	+12.250	−0.352	5.32	3.0576		+0.01 0.0
342	6.5	30 30.15	2.9704	+0.0066	−5 29 27.0	+12.173	−0.350	7.77	5.0686		+0.16 +0.4
343	4.2	31 15.63	3.0735	+0.0082	+0 3 12.2	+12.120	−0.362	3.07	0.0572	+0.07 +5.5	+0.13 −4.1[6]
344	8.0	32 12.17	3.0684	+0.0081	−0 13 15.5	+12.054	−0.363	7.71	0.0577	+0.01 −0.2	
345	7.7	32 48.39	2.9250	+0.0060	−7 50 41.5	+12.012	−0.348	11.56	7.0644		
346	7.8	33 0.62	3.0269	+0.0074	−2 26 25.0	+11.997	−0.359	8.07, 7.53	2.0679		
347	6.0	33 7.04	2.9267	+0.0060	−7 45 1.1	+11.990	−0.347	8.16	7.0647		+0.06 −0.2
348	7.8	33 19.70	3.0372	+0.0076	−1 53 4.1	+11.975	−0.361	5.67	1.0516	+0.03 +2.1	−0.04 +0.5
349	5.8	33 35.26	2.9601	+0.0064	−5 58 45.1	+11.957	−0.352	11.68, 11.64	6.0713		+0.04 −0.2[7]
350	6.3	34 7.81	3.0021	+0.0070	−3 44 56.6	+11.919	−0.357	10.90	3.0591		0.00 −1.9

[1] E.B. in α?

[2] E.B.C. +0.″0044, −0.″130

[3] E.B.C. +0.″0153, −0.″050
N. +0.0156, −0.066

[4] E.B.C. +0.″0175, −0.″069
E.B.C. −0.″0190, −0.″798

[5] E.B.N. −0.″0159, −0.″501
E.B.C. −0.″0029, −0.″203

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
351	7.8	$3^h 34^m 10^s.02$	$3^s.0359$	$+0^s.0076$	$-1°56'57''.8$	$+11''.916$	$-0''.361$	13.57	2.0683	$+0^s.02$ $+0^s.4$	
352	7.0	34 23.38	2.9378	+0.0061	−7 8 7.3	+11.900	−0.350	12.38	7.0654		+0.05 −0.2
353	6.7	34 23.97	3.0447	+0.0077	−1 28 42.6	+11.900	−0.362	6.22	1.0519	+0.01 +1.9	−0.10 −0.5
354	8.0	34 35.48	3.0301	+0.0075	−2 15 13.3	+11.886	−0.361	13.95	2.0686		
355	7.2	34 46.14	3.0054	+0.0071	−3 34 2.4	+11.874	−0.358	13.75	3.0592		[1]
356	5.5	35 11.56	2.9674	+0.0066	−5 33 59.1	+11.844	−0.354	9.17	5.0715		+0.03 0.0
357	7.5	35 11.86	3.0220	+0.0073	−2 40 54.6	+11.843	−0.361	11.01	2.0690		+0.02 −0.3[2]
358	8.3	35 48.06	3.0617	+0.0079	−0 34 27.4	+11.801	−0.366	5.31	0.0584	+0.05 +2.8	4 Beob. [3]
359	7.8	36 0.85	3.0628	+0.0079	−0 31 1.3	+11.786	−0.367	9.44, 9.10	0.0585	+0.05 +1.5	[4]
360	8.0	36 10.00	3.0120	+0.0072	−3 12 1.5	+11.776	−0.361	10.92	3.0597		
361	7.7	37 15.60	2.9783	+0.0067	−4 57 25.8	+11.698	−0.358	10.31	5.0724		+0.07 −0.1
362	8.0	37 45.71	3.0743	+0.0081	+0 5 43.4	+11.662	−0.370	7.17	0.0590		
363	7.5	37 49.05	3.0266	+0.0074	−2 25 4.1	+11.658	−0.364	13.74	2.0702		
364	7.8	38 2.76	3.0264	+0.0073	−2 25 38.3	+11.642	−0.364	12.37, 12.28	2.0703		
365	**5.8**	**38 55.25**	**3.0437**	**+0.0076**	**−1 30 37.5**	**+11.579**	**−0.367**			**24 Eridani F.St.**	
366	6.2	39 19.01	3.0603	+0.0078	−0 38 35.7	+11.551	−0.370	10.22	0.0593	+0.02 +1.5	+0.01 −0.7[5]
367	7.8	40 15.28	3.0702	+0.0080	−0 7 18.4	+11.484	−0.372	8.66, 9.59	0.0594	+0.01 +3.2	
368	7.5	42 20.13	2.9726	+0.0066	−5 10 35.9	+11.334	−0.363	8.82	5.0749		
369	8.0	42 26.88	2.9299	+0.0060	−7 21 57.7	+11.326	−0.357	11.31, 11.51	7.0681		+0.12 −1.6
370	7.2	42 27.46	3.0108	+0.0071	−3 12 4.4	+11.325	−0.367	5.30	3.0616		+0.01 −0.1
371	6.5	43 0.29	3.0704	+0.0079	−0 6 37.6	+11.286	−0.378	8.33, 9.22	0.0602	0.00 +1.7	−0.02 −1.4
372	7.3	43 9.46	2.9805	+0.0067	−4 45 32.3	+11.275	−0.364	11.52	4.0670		
373	7.8	43 12.35	3.0191	+0.0072	−2 46 6.8	+11.271	−0.369	10.69	2.0723		
374	8.0	43 16.27	2.9337	+0.0061	−7 9 16.2	+11.266	−0.359	13.87	7.0684		
375	7.0	43 24.96	2.9208	+0.0060	−7 21 7.4	+11.256	−0.358	13.07, 13.10	7.0685		+0.10 −1.1
376	7.5	43 43.81	3.0379	+0.0074	−1 47 19.7	+11.233	−0.372	4.25	1.0539	+0.02 +1.0	−0.02 −0.5[6]
377	7.3	44 6.30	3.0209	+0.0072	−2 39 49.6	+11.206	−0.370	12.40	2.0726		+0.02 0.0
378	7.0	44 40.07	3.0365	+0.0074	−1 51 29.8	+11.164	−0.373	7.00	1.0544	+0.05 +0.4	+0.06 −0.8
379	7.5	44 49.01	2.9903	+0.0068	−4 13 21.3	+11.154	−0.367	9.44	4.0674		+0.05 +0.6
380	8.0	45 13.66	2.9762	+0.0066	−4 56 56.3	+11.124	−0.366	11.21	5.0762		
381	7.0	46 33.55	3.0437	+0.0075	−1 28 44.4	+11.027	−0.376	3.68	1.0548	+0.03 0.0	+0.08 −0.2[7]
382	7.8	46 38.16	2.9959	+0.0068	−3 55 34.5	+11.022	−0.370	12.80, 11.82	4.0682		
383	7.3	46 40.49	3.0533	+0.0076	−0 59 8.6	+11.019	−0.377	4.24	1.0549	+0.05 +2.0	−0.02 +0.5
384	7.0	47 4.08	2.9671	+0.0065	−5 23 4.3	+10.990	−0.368	13.37, 12.99	5.0768		+0.05 +0.6
385	**5.6**	**47 15.60**	**2.9610**	**+0.0064**	**−5 41 24.4**	**+10.976**	**−0.366**			**30 Eridani F.St.**	
386	7.5	47 31.50	2.9805	+0.0066	−4 41 51.3	+10.956	−0.369	11.77	4.0684		+0.05 0.0[8]
387	8.0	47 38.30	3.0270	+0.0072	−2 19 31.9	+10.948	−0.375	8.36	2.0747		
388	6.6	47 45.05	2.9357	+0.0061	−6 57 44.5	+10.940	−0.364	12.83	7.0695		−0.06 −2.9
389	5.0	48 46.00	3.0081	+0.0070	−3 16 49.3	+10.865	−0.374	8.29	3.0631		−0.06 +0.2[9]
390	7.8	49 5.93	2.9844	+0.0067	−4 28 58.3	+10.841	−0.371	11.84	4.0689		
391	7.2	50 21.63	2.9768	+0.0066	−4 50 50.1	+10.748	−0.371	10.46, 10.24	4.0694		
392	7.1	53 6.29	3.0136	+0.0070	−2 58 0.2	+10.544	−0.379	3.74	3.0650		+0.12 +0.8
393	7.5	53 10.85	2.9934	+0.0067	−3 58 50.6	+10.539	−0.376	9.63	4.0706		
394	6.0	53 27.10	2.9573	+0.0063	−5 46 46.2	+10.518	−0.372	10.30, 9.62	5.0789		+0.03 −0.2[10]
395	5.5	55 57.56	3.0353	+0.0072	−1 51 29.8	+10.331	−0.384	4.67, 4.64	1.0572	+0.03 +2.2	−0.13 +0.2 [12 Beob.][11]
396	8.0	56 42.67	3.0337	+0.0071	−1 56 20.8	+10.275	−0.384	11.80	2.0777	+0.02 +1.3	
397	8.0	56 49.88	2.9460	+0.0062	−6 17 12.4	+10.265	−0.374	9.63	6.0805		
398	6.2	56 58.48	3.0611	+0.0075	−0 34 4.3	+10.255	−0.388	7.91	0.0632	−0.03 +0.9	−0.05 +0.5[12]
399	7.2	57 2.50	3.0303	+0.0073	−1 6 26.6	+10.250	−0.387	8.06	1.0574	+0.05 +0.8	
400	8.0	58 34.27	2.9440	+0.0061	−6 21 17.6	+10.135	−0.375	12.49	6.0809		

[1] E.B.C. +0ˢ.0504, −0″.234
[2] E.B.C. +0ˢ.0245, −0″.195
[3] E.B.?
[4] E.B. in α?
[5] E.B.C. +0ˢ.0020, +0″.012
[6] E.B.N. +0ˢ.0053, −0″.023
[7] E.B.C. −0ˢ.0045, −0″.027
[8] E.B.N. −0ˢ.0041, −0″.018
[9] schöner dpl. seq. a.
[10] E.B.C. −0ˢ.0042, −0″.187
[11] E.B.N. −0ˢ.0009, −0″.025
[12] E.B.C. +0ˢ.0066, −0″.249
N. +0ˢ.0086, −0″.263

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Rad.kl.
401	7.0	$3^h 58^m 34^s.77$	$2^s.9736$	$+0^s.0064$	$-4°\,54'\,13''.2$	$+10''.134$	$-0''.379$	12.03	5.0810		$+0^s.13$ $+0''.3$
402	8.0	59 1.90	2.9990	+0.0067	−3 38 27.7	+10.100	−0.382	10.58, 9.23	3.0676		
403	6.8	59 21.18	3.0175	+0.0069	−2 43 40.7	+10.076	−0.385	9.77	2.0798		0.00 +0.9
404	8.0	59 38.03	2.9696	+0.0064	−5 5 1.5	+10.054	−0.379	9.99	5.0816		
405	7.8	59 38.79	3.0460	+0.0072	−1 18 40.4	+10.053	−0.389	4.72	1.0581	$+0^s.05$ $+1''.9$	
406	7.5	59 39.55	3.0550	+0.0073	−0 52 4.1	+10.052	−0.390	8.38	0.0640	+0.05 +0.1	
407	8.0	4 0 9.90	2.9119	+0.0057	−7 53 50.1	+10.014	−0.372	13.12	7.0738		
408	8.0	2 0.70	3.0056	+0.0067	−3 17 29.0	+ 9.874	−0.386	6.79	3.0685		
409	7.0	2 5.14	2.9440	+0.0060	−6 18 11.0	+ 9.868	−0.378	11.00, 10.70	6.0822		+0.05 −0.5
410	8.0	3 26.85	2.9741	+0.0063	−4 49 11.2	+ 9.764	−0.383	11.22	4.0745		
411	8.0	3 30.46	3.0702	+0.0074	−0 6 46.7	+ 9.760	−0.395	3.57	0.0648	−0.02 +2.2	9 Beob.
412	6.5	4 19.47	2.9935	+0.0065	−3 51 48.6	+ 9.697	−0.396	5.65	3.0696		+0.06 −0.9
413	6.1	5 0.55	2.9242	+0.0058	−7 12 42.8	+ 9.645	−0.378	11.17, 11.61	7.0758		+0.03 +0.4 [1]
414	7.3	5 17.38	2.9666	+0.0062	−5 9 29.2	+ 9.623	−0.384	12.12	5.0841		
415	7.8	5 39.46	2.9583	+0.0061	−5 33 20.6	+ 9.595	−0.383	12.79	5.0843		
416	7.2	5 54.88	3.0580	+0.0072	−0 42 29.4	+ 9.575	−0.396	6.21, 6.62	0.0653	−0.04 +0.7	+0.08 0.0
417	**4.3**	**6 29.74**	**2.9255**	**+0.0058**	**−7 7 29.7**	**+ 9.530**	**−0.380**			o^1 **Eridani F.St.**	
418	7.0	6 52.80	2.9759	+0.0063	−4 41 38.9	+ 9.501	−0.386	12.97	4.0763		+0.04 +0.1
419	7.6	7 0.77	3.0150	+0.0067	−2 47 55.0	+ 9.491	−0.391	4.10	2.0832		+0.12 +0.1
420	7.3	7 33.01	2.9347	+0.0059	−6 40 1.6	+ 9.449	−0.382	13.68	6.0857		+0.05 -0.9^2
421	7.8	7 34.56	2.9778	+0.0063	−4 35 38.7	+ 9.447	−0.387	13.53	4.0750		
422	7.4	7 43.49	2.9866	+0.0064	−4 10 0.0	+ 9.436	−0.388	10.85	4.0771		
423	7.5	8 3.02	3.0430	+0.0070	−1 25 49.4	+ 9.410	−0.396	2.92	1.0610	+0.02 +0.3	+0.05 −0.5
424	7.8	9 4.11	3.0226	+0.0067	−2 25 5.6	+ 9.332	−0.394	13.45	2.0844		
425	7.5	10 0.06	3.0669	+0.0072	−0 16 22.5	+ 9.259	−0.401	4.00, 4.01	0.0666	+0.01 +1.8	9 Beob.
426	4.7	10 12.70	2.9095	+0.0056	−7 49 24.3	+ 9.243	−0.385	8.99, 8.98	7.0780		+0.15 $+3.3^3$
427	8.0	10 54.36	3.0551	+0.0070	−0 50 27.7	+ 9.189	−0.400	2.91, 2.92	0.0668		
428	6.8	11 56.53	2.9317	+0.0058	−6 44 37.7	+ 9.108	−0.385	10.20	6.0862		+0.02 −0.7
429	7.3	14 30.09	2.9740	+0.0061	−4 42 11.6	+ 8.908	−0.394	8.96, 8.29	4.0799		
430	6.7	14 43.47	3.0120	+0.0065	−2 53 35.9	+ 8.891	−0.398	5.08	2.0867		+0.04 +1.3
431	7.5	14 45.63	2.9886	+0.0062	−4 0 24.6	+ 8.888	−0.396	10.50	4.0801		
432	7.5	14 54.37	3.0395	+0.0067	−1 34 47.4	+ 8.877	−0.401	2.92	1.0619	+0.07 +2.0	+0.02 +0.4
433	8.0	15 11.57	3.0086	+0.0070	−0 11 17.3	+ 8.854	−0.405	3.58	0.0685	+0.04 +0.9	
434	6.8	15 14.73	2.9357	+0.0057	−6 30 30.1	+ 8.850	−0.388	11.17, 11.18	6.0875		+0.09 −1.4
435	6.3	15 22.75	2.9069	+0.0055	−7 51 22.0	+ 8.839	−0.384	12.02	7.0798		+0.12 −0.9
436	7.3	15 32.41	2.9890	+0.0062	−3 58 55.5	+ 8.827	−0.395	13.11	4.0806		
437	6.3	15 49.68	3.0651	+0.0070	−0 21 22.7	+ 8.804	−0.405	6.69	0.0687	+0.02 +0.4	+0.04 $+0.4^4$
438	7.3	16 6.89	2.9391	+0.0058	−6 20 1.1	+ 8.782	−0.389	13.46, 13.51	6.0878		
439	7.2	16 14.38	2.9346	+0.0057	−6 32 43.0	+ 8.772	−0.389	13.80, 13.10	6.0879		−0.02 −0.5
440	7.1	16 43.30	2.9686	+0.0060	−4 56 14.3	+ 8.734	−0.394	13.97, 13.95	5.0889		
441	8.0	16 51.50	3.0555	+0.0068	−0 48 39.7	+ 8.723	−0.405	9.30	0.0690	+0.03 +0.6	
442	7.8	17 9.22	2.9637	+0.0060	−5 9 50.3	+ 8.700	−0.393	12.09	5.0891		
443	7.5	17 48.67	2.9614	+0.0059	−5 15 45.6	+ 8.648	−0.393	11.82	5.0895		
444	8.0	18 9.53	2.9801	+0.0061	−4 22 38.9	+ 8.620	−0.396	13.11	4.0816		
445	**5.3**	**18 12.19**	**2.9881**	**+0.0061**	**−4 0 0.9**	**+ 8.617**	**−0.397**			ξ **Eridani F.St.**	
446	7.5	19 53.26	2.9472	+0.0057	−5 54 18.9	+ 8.484	−0.393	11.96	5.0906		
447	8.0	19 57.15	2.9874	+0.0061	−4 1 17.1	+ 8.479	−0.398	12.41	4.0827		
448	7.5	20 5.26	3.0374	+0.0065	−1 39 43.9	+ 8.468	−0.405	2.91	1.0641	−0.01 +0.8	+0.04 +1.0
449	7.3	20 8.88	3.0199	+0.0067	−2 29 3.7	+ 8.463	−0.403	4.51	2.0899		
450	7.8	20 9.86	2.9592	+0.0058	−5 20 32.1	+ 8.462	−0.395	13.76	5.0909		

[1] E.B.c. $+0^s.0034$, $-0''.127$ [2] E.B.c. $0^s.0000$, $-0''.114$ [3] E.B.c. $-0''.1491$, $-3''.417$ [4] E.B.c. $-0^s.0025$, $-0''.133$ N. -0.15

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
451	8.0	$4^h\,20^m\,14^s.95$	$2^s.9669$	$+0^s.0059$	$-4°\,58'\,44''.4$	$+8''.455$	$-0''.396$	14.00	5.0911		
452	7.3	20 17.96	2.9578	+0.0058	−5 24 15.8	+8.451	−0.385	13.96	5.0912		
453	7.5	20 50.43	3.0564	+0.0067	−0 45 37.4	+8.408	−0.408	3.74	0.0702	$+0^s.02$ $+1''.2$	
454	8.0	21 9.97	2.9873	+0.0060	−4 0 59.0	+8.382	−0.399	11.72	4.0831		
455	8.0	21 18.22	2.9308	+0.0056	−6 39 12.9	+8.370	−0.392	13.12, 12.95	6.0906		
456	8.0	21 19.21	2.9624	+0.0058	−5 10 52.1	+8.370	−0.396	11.99	5.0917		+0.09 +0.3
457	7.5	21 24.54	2.9205	+0.0055	−7 7 52.4	+8.363	−0.391	13.19	7.0813		−0.01 +0.8
458	7.9	21 36.68	2.9427	+0.0056	−6 5 28.4	+8.320	−0.394	9.68	6.0911		+0.02 +0.7
459	7.9	23 54.11	3.0159	+0.0062	−2 39 14.2	+8.104	−0.405	4.00, 3.85	2.0915		
460	8.0	23 56.20	2.9775	+0.0059	−4 26 55.7	+8.101	−0.400	11.28	4.0850		
461	8.0	24 16.74	2.9691	+0.0058	−4 50 20.1	+8.134	−0.399	10.91	4.0851		
462	8.5	24 28.39	3.0174	+0.0062	−2 34 50.4	+8.119	−0.406	5.21	2.0920		
463	7.8	25 7.06	3.0698	+0.0067	−0 7 36.0	+8.067	−0.413	7.85	0.0710	−0.05 −0.7	
464	7.8	25 36.04	2.9610	+0.0057	−5 11 58.3	+8.028	−0.399	7.54	5.0941		
465	7.5	25 47.18	2.9632	+0.0057	−5 5 45.1	+8.013	−0.400	12.34	5.0942		
466	8.0	26 9.99	3.0385	+0.0063	−1 35 19.9	+7.983	−0.410	10.44	1.0660	+0.04 +1.4	[1]
467	**5.3**	**26 15.01**	**3.0665**	**+0.0066**	**−0 16 49.6**	**+7.976**	**−0.413**			**45 Eridani F.St.**	
468	7.4	26 31.90	2.9734	+0.0058	−4 37 4.5	+7.953	−0.402	12.45, 12.39	4.0861		0.00 −1.3
469	8.0	26 55.69	2.9592	+0.0057	−5 16 23.7	+7.922	−0.400	12.49	5.0948		
470	5.6	27 7.27	2.9986	+0.0060	−3 26 37.2	+7.906	−0.405	9.27	3.0809		+0.01 −0.5
471	7.7	28 5.71	3.0282	+0.0061	−2 3 51.2	+7.828	−0.410	5.12, 5.19	2.0938	+0.09 0.0	−0.03 +0.2
472	8.0	28 6.68	2.9819	+0.0058	−4 12 43.6	+7.826	−0.404	11.23	4.0865		
473	7.2	28 10.61	2.9165	+0.0053	−7 13 16.1	+7.821	−0.395	11.23, 11.04	7.0837		+0.03 −0.3
474	7.0	28 19.29	2.9531	+0.0056	−5 32 21.8	+7.809	−0.400	11.17	5.0953		+0.05 −0.9
475	5.8	28 33.06	2.9219	+0.0053	−6 58 12.1	+7.772	−0.396	12.23	7.0838		+0.05 −0.8
476	6.5	28 52.92	2.9197	+0.0053	−7 4 1.7	+7.764	−0.396	12.77	7.0841		0.00 +0.2
477	8.0	29 3.84	2.9567	+0.0056	−5 22 0.5	+7.749	−0.401	13.92	5.0957		
478	8.0	29 55.06	2.9653	+0.0056	−4 57 44.2	+7.681	−0.403	13.15, 13.17	5.0958		
479	8.0	30 29.45	3.0195	+0.0060	−2 27 22.9	+7.634	−0.410	13.35	2.0952		
480	6.2	30 32.53	2.9896	+0.0058	−3 50 15.8	+7.630	−0.407	10.82	3.0831		+0.01 +0.1
481	**3.3**	**30 49.32**	**2.9952**	**+0.0058**	**−3 34 40.3**	**+7.604**	**−0.407**			**ν Eridani F.St.**	
482	5.1	32 3.93	3.0142	+0.0059	−2 41 38.4	+7.507	−0.411	5.04	2.0963		−0.07 −0.2
483	7.2	32 11.33	3.0104	+0.0059	−2 52 4.3	+7.497	−0.410	11.84	2.0964		
484	7.8	33 39.60	2.9632	+0.0055	−5 1 32.4	+7.377	−0.405	9.17	5.0981		+0.07 0.0
485	7.7	33 50.82	3.0060	+0.0063	−0 18 2.3	+7.362	−0.419	4.11	0.0743	+0.04 +1.2	
486	7.7	34 11.82	3.0430	+0.0061	−1 16 9.0	+7.333	−0.416	4.04	1.0689	+0.02 0.0	+0.01 +0.2
487	8.0	35 24.06	3.0254	+0.0059	−2 9 49.5	+7.235	−0.415	5.18, 5.21	2.0982	schwach	
488	7.3	35 27.04	2.9912	+0.0056	−3 43 53.6	+7.231	−0.410	7.82	3.0857		
489	7.5	35 43.42	2.9202	+0.0052	−6 57 39.4	+7.209	−0.401	10.72, 10.75	7.0876		+0.05 −0.1
490	7.5	36 47.19	3.0477	+0.0060	−1 8 22.8	+7.122	−0.419	3.52, 3.72	1.0702	+0.01 −0.3	+0.11 +0.1
491	6.8	37 16.58	2.9418	+0.0053	−5 57 59.6	+7.082	−0.405	9.20	6.0969		+0.06 +0.3
492	8.0	37 19.72	3.0551	+0.0061	−0 47 51.9	+7.078	−0.420	3.71	0.0758	+0.10 +0.1	schwach
493	8.0	37 25.80	2.9778	+0.0055	−4 19 43.6	+7.069	−0.410	11.28	4.0922		
494	7.8	37 45.36	2.9260	+0.0051	−6 40 43.2	+7.043	−0.403	11.21	6.0970		−0.01 +0.2
495	8.0	38 36.33	2.9987	+0.0056	−3 22 20.9	+6.973	−0.413	5.21, 5.19	3.0869		
496	**3.6**	**40 0.11**	**2.9966**	**+0.0056**	**−3 27 24.4**	**+6.858**	**−0.413**			**μ Eridani F.St.**	
497	8.0	40 10.02	3.0042	+0.0056	−3 6 37.9	+6.832	−0.415	6.42	3.0881		
498	8.0	40 39.05	2.9140	+0.0050	−7 11 12.1	+6.805	−0.403	12.32	7.0893		
499	7.2	40 53.39	3.0032	+0.0055	−3 9 11.5	+6.785	−0.415	6.39	3.0884		+0.07 +0.1
500	6.3	43 10.10	2.9429	+0.0051	−5 51 39.7	+6.597	−0.408	9.03	5.1044		+0.08 +0.7[2]

[1] E.B. in α^2

[2] E.B.C. $+0^s.0179$, $-0''.229$

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
501	8.0	$4^h 43^m 36^s.59$	$2^s.0106$	$+0^s.0049$	$-7°\ 18'\ 13''.0$	$+6''.561$	$-0''.404$	11.06, 10.77	7.0905		$+0^s.03$ $-0^s.1$
502	7.5	43 47.91	2.9580	+0.0052	−5 10 40.7	+6.545	−0.411	11.43	5.1046		
503	7.8	44 20.41	2.9260	+0.0049	−6 36 28.0	+6.500	−0.407	12.02	6.1000		
504	7.3	44 59.40	2.9828	+0.0053	−4 3 17.6	+6.447	−0.415	11.54	4.0954		
505	7.5	45 11.70	3.0663	+0.0058	−0 16 57.6	+6.430	−0.426	3.93	0.0785	$+0^s.03$ $+1^s.3$	+0.04 −0.1
506	8.0	45 51.77	3.0563	+0.0057	−0 44 2.7	+6.374	−0.425	3.74, 3.60	0.0788	0.00 +0.1	
507	7.3	46 1.85	2.9873	+0.0053	−3 50 48.3	+6.360	−0.416	4.11	3.0909		+0.09 −0.3
508	8.0	46 52.19	2.9977	+0.0053	−3 22 27.0	+6.291	−0.418	5.01	3.0917		
509	7.5	47 2.15	2.8965	+0.0047	−7 53 38.0	+6.277	−0.404	10.53	7.0917		
510	8.0	47 21.40	2.9509	+0.0050	−5 28 13.2	+6.250	−0.412	11.42	5.1067		
511	4.3	47 29.38	2.9471	+0.0050	−5 38 13.6	+6.239	−0.411	11.72	5.1068		+0.05 −0.1
512	8.7	47 59.13	3.0291	+0.0054	−1 57 16.0	+6.198	−0.423	5.08	2.1054	+0.04 +1.1	2 Beob.
513	8.3	48 38.49	3.0302	+0.0054	−1 54 21.9	+6.143	−0.423	5.02	1.0749	+0.03 +0.5	1 Beob.
514	6.6	48 57.89	2.9968	+0.0052	−3 24 20.1	+6.116	−0.419	6.74	3.0928		−0.02 −0.5
515	7.8	49 2.72	2.9477	+0.0049	−5 36 1.5	+6.110	−0.412	13.05	5.1079		−0.01 −1.2
516	8.0	49 27.25	3.0564	+0.0055	−0 43 25.0	+6.076	−0.426	7.35	0.0799	+0.12 +2.8	schwach
517	8.0	50 11.26	2.9321	+0.0048	−6 16 57.9	+6.014	−0.411	10.74	6.1024		
518	8.0	50 35.96	2.9815	+0.0050	−4 4 46.0	+5.980	−0.418	11.12	4.0978		
519	5.3	50 59.15	2.9531	+0.0049	−5 20 44.8	+5.948	−0.414	11.15	5.1091		−0.01 +0.4
520	8.0	51 4.29	2.9113	+0.0047	−7 11 47.4	+5.940	−0.408	13.17	7.0936		
521	7.3	51 42.31	3.0449	+0.0054	−1 14 20.8	+5.887	−0.427	3.57	1.0762	+0.02 +2.1	+0.04 −1.0
522	8.0	51 44.71	2.9223	+0.0047	−6 42 17.0	+5.884	−0.410	13.66	6.1032		
523	8.0	52 21.94	2.9636	+0.0049	−4 49 31.6	+5.832	−0.416	13.19	4.0987		
524	7.5	52 31.05	2.9319	+0.0047	−6 16 20.3	+5.819	−0.412	10.84	6.1038		−0.01 0.0
525	6.3	52 38.46	3.0196	+0.0052	−2 23 0.4	+5.809	−0.424	4.73, 4.71	2.1080		+0.02 +0.5
526	7.3	52 57.06	2.9852	+0.0050	−3 54 13.0	+5.783	−0.419	6.81	3.0953		−0.04 −0.5
527	7.8	53 33.33	3.0210	+0.0052	−2 18 17.6	+5.733	−0.425	6.79, 6.51	2.1083		+0.03 0.0
528	8.0	54 49.51	2.9271	+0.0046	−6 27 56.6	+5.626	−0.412	11.12	6.1051		
529	6.5	55 7.20	3.0225	+0.0051	−2 13 47.2	+5.601	−0.426	4.71	2.1095		+0.09 +0.5
530	6.3	55 21.36	2.9402	+0.0046	−5 53 0.8	+5.582	−0.414	10.87	5.1123		+0.08 -0.5^1
531	7.8	55 49.50	3.0533	+0.0052	−0 51 28.8	+5.542	−0.430	3.53	0.0826	+0.07 −0.1	+0.03 +1.1
532	4.9	56 6.32	2.9071	+0.0045	−7 20 8.9	+5.518	−0.410	11.89	7.0948		−0.03 −0.8
533	8.0	56 7.35	3.0078	+0.0050	−2 52 54.1	+5.517	−0.424	13.66	2.1104		
534	7.2	56 36.67	2.9451	+0.0046	−5 39 37.3	+5.476	−0.416	11.89	5.1130		+0.04 +0.3
535	6.0	57 17.70	2.9742	+0.0047	−4 22 7.3	+5.418	−0.420	10.25	4.1019		+0.10 −1.1
536	7.0	58 11.09	3.0118	+0.0049	−2 41 46.9	+5.343	−0.426	4.71	2.1111		+0.04 +0.8
537	7.2	58 55.19	2.9327	+0.0045	−6 11 8.6	+5.281	−0.415	10.87	6.1075		+0.02 −0.5
538	6.0	59 24.26	3.0005	+0.0048	−3 11 33.5	+5.241	−0.425	5.20, 5.32	3.0998		0.00 −0.6
539	8.0	5 0 35.50	3.0411	+0.0050	−1 23 35.4	+5.140	−0.431	3.58	1.0800	+0.07 +1.4	
540	8.0	0 43.87	2.9904	+0.0047	−3 38 2.3	+5.128	−0.424	13.32, 13.35	3.1010		
541	5.0	1 19.35	2.9639	+0.0045	−4 48 11.2	+5.078	−0.420	10.26	4.1044		+0.13 +0.2
542	8.0	1 29.98	2.9522	+0.0045	−5 18 44.5	+5.063	−0.419	12.37	5.1156		
543	8.5	1 42.72	2.9901	+0.0047	−3 38 34.4	+5.045	−0.424	13.16	3.1014	1 Beob.	
544	**3.0**	**2 26.51**	**2.9540**	**+0.0045**	**−5 13 45.0**	**+4.983**	**−0.419**			*β* **Eridani F.St.**	
545	8.0	2 41.03	2.9281	+0.0044	−6 21 44.1	+4.963	−0.416	11.80	6.1090		
546	7.5	3 1.53	3.0167	+0.0047	−2 58 3.8	+4.934	−0.446	4.68	3.1023		
547	7.5	3 2.81	3.0011	+0.0047	−3 0 12.8	+4.932	−0.426	8.21	3.1024		
548	8.0	3 8.14	2.9944	+0.0046	−3 26 53.4	+4.925	−0.426	13.90, 12.41	3.1025		
549	6.2	3 16.60	2.9682	+0.0045	−4 35 58.8	+4.913	−0.422	13.05	4.1056		+0.07 −0.2
550	7.5	3 37.92	2.9062	+0.0042	−7 18 30.3	+4.882	−0.413	13.87	7.0985		−0.20 -0.1^2

[1] E.B.c. $+0^s.0396$. $-1''.100$

[2] s schw. im R. C. Gr. 9–8

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
551	8.0	5^h 3^m46^s62	2?9229	+0?0043	−6° 34′ 47″9	+4″870	−0″416	12.92, 13.09	6.1094		
552	7.0	3 57.15	3.0210	+0.0047	−2 10 35.1	+4.855	−0.430	10.95	2.1155		−0?04 0?0
553	6.7	4 26.80	3.0566	+0.0049	−0 42 12.0	+4.813	−0.435	3.56, 3.78	0.0867	+0?02 +0?5	+0.02 −0.5
554	8.5	4 31.21	3.0435	+0.0048	−1 16 56.4	+4.807	−0.433	5.11	1.0820	+0.14 −0.5	1 Beob.
555	7.5	4 41.53	2.9819	+0.0045	−3 59 29.6	+4.792	−0.424	11.20	4.1061		
556	7.0	5 25.19	3.0184	+0.0046	−2 23 12.3	+4.731	−0.430	12.13, 11.13	2.1161		0.00 −0.3[1]
557	8.0	5 45.94	2.9323	+0.0042	−6 9 35.9	+4.703	−0.418	11.12	6.1105		
558	6.0	5 46.94	3.0129	+0.0046	−2 37 38.2	+4.700	−0.429	4.68	2.1165		−0.02 +0.1
559	8.7	6 45.76	3.0700	+0.0048	−0 6 32.6	+4.616	−0.438	5.08	0.0877	+0.03 −0.7	3 Beob.
560	8.0	6 59.06	3.0713	+0.0048	−0 3 10.2	+4.597	−0.438	3.91	0.0879	−0.02 +0.3	
561	6.5	7 25.32	2.9314	+0.0042	−6 11 18.6	+4.560	−0.418	10.82	6.1109		−0.05 −0.1
562	8.0	8 2.54	2.9635	+0.0043	−4 46 57.9	+4.507	−0.423	11.44	4.1073		
563	7.7	8 10.30	2.9871	+0.0044	−3 45 7.8	+4.496	−0.427	8.28, 8.01	3.1042		+0.01 +0.5
564	8.0	8 26.81	2.9153	+0.0041	−6 52 40.1	+4.473	−0.416	11.70	6.1112		
565	7.0	9 0.40	3.0568	+0.0046	−0 41 25.7	+4.425	−0.437	3.58	0.0890	0.00 +1.6	+0.04 −0.2
566	8.0	9 9.85	2.9029	+0.0040	−7 24 37.3	+4.412	−0.415	11.75	7.1009		
567	7.0	9 21.32	2.9078	+0.0040	−7 11 55.4	+4.395	−0.416	11.58	7.1012		+0.04 −1.0
568	6.5	9 44.44	3.0375	+0.0045	−1 32 10.7	+4.362	−0.434	3.91	1.0837	−0.01 +1.5	−0.04 +0.1
569	7.5	9 48.45	2.9139	+0.0041	−6 55 55.0	+4.357	−0.417	13.06, 13.05	6.1121	manchmal schwach	
570	8.0	9 54.72	2.9929	+0.0043	−3 29 30.1	+4.348	−0.428	4.69	3.1050		
571	7.3	10 18.78	2.9601	+0.0042	−4 55 20.8	+4.313	−0.423	11.08	4.1084		+0.02 +0.6
572	8.0	11 16.24	2.9045	+0.0039	−7 19 33.0	+4.232	−0.416	11.28	7.1021		
573	8.0	11 36.44	2.9107	+0.0039	−7 3 27.1	+4.203	−0.417	11.62, 11.50	7.1024		
574	**4.0**	**12 15.88**	**2.9127**	**+0.0039**	**−6 57 49.4**	**+4.147**	**−0.418**			**τ Orionis F.St.**	
575	7.5	12 23.21	3.0689	+0.0045	−0 9 23.8	+4.136	−0.440	3.50	0.0913	−0.03 +0.4	
576	7.0	13 1.93	2.9401	+0.0040	−5 46 32.6	+4.079	−0.422	11.22, 11.21	5.1218		+0.13 −0.2
577	7.5	13 11.80	2.9267	+0.0039	−6 21 26.4	+4.067	−0.420	12.09	6.1136		
578	8.0	13 21.14	2.8920	+0.0038	−7 51 7.6	+4.053	−0.415	13.07, 13.09	7.1033		
579	6.5	14 0.95	3.0376	+0.0043	−1 31 35.5	+3.997	−0.436	4.04	1.0859	−0.02 +1.3	−0.02 −0.2[2]
580	8.0	14 1.96	2.9009	+0.0038	−7 27 43.7	+3.995	−0.416	12.71	7.1036		
581	7.3	14 16.79	2.9581	+0.0040	−4 59 28.8	+3.974	−0.425	11.28	5.1221		
582	8.0	14 38.52	2.9504	+0.0040	−5 19 16.8	+3.943	−0.424	11.78	5.1223		+0.04 +0.7
583	7.0	15 2.12	2.9467	+0.0039	−5 28 47.1	+3.909	−0.423	12.91	5.1225		−0.01 +1.0
584	7.8	15 54.51	3.0346	+0.0042	−1 39 21.7	+3.834	−0.436	5.54, 5.57	1.0872	+0.09 +2.5	
585	7.5	15 54.72	2.9364	+0.0039	−5 55 16.3	+3.834	−0.422	12.15	5.1231		
586	6.4	15 55.05	3.0605	+0.0043	−0 31 34.5	+3.833	−0.440	4.52, 4.55	0.0929	+0.04 +2.1	−0.02 −1.0[3]
587	8.0	15 55.80	2.8977	+0.0037	−7 35 22.1	+3.831	−0.417	12.73, 12.85	7.1049		
588	8.0	16 7.19	3.0230	+0.0041	−2 9 38.4	+3.816	−0.434	13.98, 14.00	2.1222		
589	4.8	16 8.79	3.0613	+0.0043	−0 29 29.7	+3.814	−0.440	9.26, 8.67	0.0930	+0.06 0.0	+0.04 −0.1[4]
590	8.0	16 27.87	3.0021	+0.0040	−3 4 20.2	+3.786	−0.420	11.09, 10.24	3.1075		+0.01 −0.8
591	8.0	17 16.94	2.8949	+0.0037	−7 42 2.3	+3.716	−0.417	12.24, 11.94	7.1054		
592	6.5	18 4.81	3.0665	+0.0042	−0 15 49.2	+3.647	−0.441	6.05	0.0936	0.00 −0.6	+0.05 +1.0
593	7.2	18 15.68	3.0503	+0.0041	−0 58 13.0	+3.632	−0.439	13.40, 11.79	1.0882	−0.07 +0.5	+0.09 +0.3[5]
594	4.3	18 38.88	2.8898	+0.0036	−7 54 34.6	+3.599	−0.416	10.43	7.1064		+0.02 +0.3
595	6.0	18 53.32	3.0496	+0.0041	−0 59 50.7	+3.578	−0.439	7.53, 6.38	1.0886	+0.06 −0.3	−0.06 −0.8[6]
596	**3.3**	**18 56.77**	**3.0151**	**+0.0040**	**−2 29 56.2**	**+3.573**	**−0.434**			**η Orionis F.St.**	
597	8.0	19 8.82	3.0128	+0.0040	−2 35 56.2	+3.556	−0.434	12.23, 11.33	2.1237		
598	8.0	19 30.39	3.0055	+0.0039	−2 54 57.1	+3.525	−0.433	13.85	2.1241		
599	7.3	19 54.57	3.0577	+0.0041	−0 38 34.9	+3.490	−0.441	11.56	0.0945	+0.01 +1.7	
600	8.0	20 1.25	2.8923	+0.0036	−7 47 45.3	+3.480	−0.417	11.26	7.1071		

[1] E.B.C. +0?0063, −0?107
[2] 9 Beob
[3] E.B.N. −0?0004, +0?016
[4] E.B.N. −0?0009, +0?009
[5] E.B.N. +0?0013, +0?021
[6] E.B.C. −0?0020, +0?131

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
601	7.6	$5^h 20^m 2^s.29$	3.0360	+0.0040	$-1° 35' 24''.3$	+3.479	−0.438	8.48, 7.63	1.0889	−0.10 +1.3	
602	7.5	20 32.47	2.9234	+0.0036	−6 27 35.5	+3.436	−0.422	11.29, 11.27	6.1175		
603	8.0	20 33.77	2.9320	+0.0037	−6 5 21.4	+3.434	−0.423	11.45, 11.57	6.1176		
604	6.0	20 38.44	2.9430	+0.0037	−5 36 58.2	+3.427	−0.424	11.77	5.1247		
605	7.5	21 27.23	3.0160	+0.0039	−2 27 20.7	+3.357	−0.435	10.43, 9.20	2.1250		+0.06 +0.6
606	8.0	21 34.92	3.0389	+0.0039	−1 27 43.7	+3.346	−0.439	3.90, 4.07	1.0897	+0.05 +0.8	
607	8.0	22 13.29	3.0210	+0.0038	−2 14 18.9	+3.291	−0.436	12.00	2.1254		
608	8.0	22 32.97	3.0320	+0.0039	−1 45 35.8	+3.262	−0.438	3.55, 3.94	1.0905	−0.05 +2.7	
609	8.5	22 39.64	3.0257	+0.0038	−2 1 59.3	+3.253	−0.437	5.05	2.1258	−0.01 +0.7	
610	7.0	22 47.83	3.0709	+0.0040	−0 4 14.7	+3.241	−0.443	3.36, 3.68	0.0960	+0.08 +0.2	−0.07 +0.6
611	7.5	23 7.32	2.9620	+0.0036	−4 47 15.8	+3.213	−0.428	10.43	4.1141		+0.06 −0.2
612	8.3	23 11.36	2.9466	+0.0036	−5 27 2.1	+3.207	−0.426	11.07	5.1265	1 Beob.	
613	6.8	23 27.44	2.9942	+0.0037	−3 23 49.9	+3.191	−0.432	11.74, 10.79	3.1105		+0.01 −0.1
614	8.0	23 42.78	2.9446	+0.0036	−5 32 4.2	+3.169	−0.425	11.46	5.1268		
615	8.0	23 45.81	2.9366	+0.0035	−5 52 48.8	+3.157	−0.424	11.42, 11.37	5.1269		
616	6.3	23 54.74	2.9910	+0.0037	−3 32 5.6	+3.145	−0.432	8.92	3.1106		−0.01 +0.4
617	6.8	24 6.04	2.9022	+0.0035	−7 20 57.4	+3.128	−0.419	11.28	7.1092		−0.01 −1.0
618	5.5	24 8.81	3.0453	+0.0038	−1 10 45.5	+3.124	−0.440	9.22, 7.90	1.0913	+0.07 +1.2	+0.04 +0.7[1]
619	8.4	24 30.94	3.0302	+0.0038	−1 50 11.7	+3.093	−0.438	3.40, 5.54	1.0918	+0.09 +1.1	3 Beob.
620	8.0	24 53.56	2.9319	+0.0035	−6 4 27.6	+3.060	−0.424	12.87, 12.81	6.1200		
621	6.0	25 1.82	2.8981	+0.0034	−7 31 15.6	+3.048	−0.419	13.43	7.1099		+0.01 −0.2
622	8.0	25 25.84	2.9722	+0.0036	−4 20 20.7	+3.013	−0.430	12.67	4.1152		
623	8.0	25 37.99	2.9272	+0.0034	−6 16 32.6	+2.996	−0.423	12.91	6.1204		
624	6.8	26 0.07	2.9151	+0.0034	−6 47 30.8	+2.964	−0.422	11.60	6.1207		+0.07 −0.3
625	7.2	26 13.91	2.9963	+0.0036	−3 17 56.3	+2.944	−0.433	10.14, 9.31	3.1126		−0.03 +0.8
626	7.5	26 21.58	2.9071	+0.0034	−7 7 52.3	+2.933	−0.421	12.26	7.1103		
627	**var.**	**26 23.18**	**3.0637**	**+0.0038**	**−0 22 52.6**	**+2.931**	**−0.443**			**δ Orionis F-St.**	
628	8.0	26 23.17	3.0641	+0.0038	−0 21 59.0	+2.932	−0.443	11.17, 8.65	0.0982	+0.05 −0.2	
629	5.0	26 36.60	2.9011	+0.0034	−7 22 59.4	+2.911	−0.420	11.13	7.1106		+0.03 −0.1
630	7.5	26 59.86	3.0710	+0.0035	−0 4 4.7	+2.878	−0.445	12.35	0.0986	−0.03 +1.8	−0.02 +0.2
631	6.0	27 7.47	3.0339	+0.0036	−1 40 19.5	+2.867	−0.439	13.81	1.0935	+0.04 +1.0	−0.02 0.0
632	8.0	27 30.82	2.9630	+0.0034	−4 38 44.3	+2.833	−0.429	11.28	4.1164		
633	9.5	27 31.96	3.0309	+0.0036	−1 47 59.	+2.831	−0.439	13.95, 13.94		+0.03	
634	7.5	27 33.76	3.0310	+0.0036	−1 47 46.8	+2.829	−0.439	12.17	1.0939	+0.01 −0.5	
635	7.4	27 50.44	3.0440	+0.0036	−1 14 2.9	+2.796	−0.441	12.41, 11.48	1.0943	−0.01 −0.3	−0.04 −0.3
636	7.5	28 8.66	2.9906	+0.0035	−3 32 26.0	+2.778	−0.433	10.69	3.1136		
637	7.7	28 28.51	3.0468	+0.0036	−1 1 44.1	+2.750	−0.441	14.00, 12.52	1.0949	−0.05 +0.2	−0.12 −0.5
638	7.2	28 29.91	3.0386	+0.0036	−1 32 46.1	+2.748	−0.440	14.07	1.0950	+0.04 +1.2	0.00 +0.3
639	6.8	28 42.59	2.9076	+0.0033	−7 5 55.2	+2.729	−0.421	12.25, 11.75	7.1119		−0.06 +0.7
640	7.8	28 44.30	3.0041	+0.0035	−2 57 26.5	+2.727	−0.435	10.26	2.1296		
641	7.7	28 51.38	3.0705	+0.0036	−0 5 15.6	+2.717	−0.445	12.23, 10.86	0.1000	−0.10 +2.4	−0.08 −0.3
642	7.5	28 58.32	2.9504	+0.0034	−5 52 47.9	+2.707	−0.429	12.56	4.1167		+0.03 +0.1
643	8.0	29 5.92	2.9668	+0.0034	−4 33 44.8	+2.696	−0.430	13.63	4.1171		
644	8.3	29 12.76	3.0487	+0.0036	−1 1 45.4	+2.686	−0.442	5.92	1.0953	+0.01 +1.7	1 Beob.
645	8.0	29 16.44	2.9690	+0.0034	−4 28 0.2	+2.680	−0.430	13.51	4.1172		
646	7.0	29 26.57	2.9756	+0.0034	−4 11 4.3	+2.666	−0.431	12.64	4.1173		+0.04 +0.3
647	6.9	29 28.44	2.9034	+0.0032	−7 10 28.2	+2.663	−0.421	13.67	7.1124		+0.03 −0.7
648	6.8	29 38.44	2.9313	+0.0033	−6 4 59.1	+2.649	−0.425	11.28	6.1233		+0.08 −1.1
649	8.0	29 38.85	2.9611	+0.0033	−4 48 19.4	+2.648	−0.429	13.90	4.1179		
650	5.4	29 40.08	2.9315	+0.0033	−6 4 32.6	+2.636	−0.425	11.62	6.1234		+0.09 −0.7

[1] E B.N. −0.0017, −0.017

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
651	**5.1**	**5^h 29^m 52.21**	**2.9458**	**+0.0033**	**−5° 27′ 45.9**	**+2.629**	**−0.427**			ϑ^1 **Orionis F.St.**	
652	7.0	29 55.36	2.9667	+0.0033	−4 34 1.8	+2.624	−0.430	14.09	4.1183	−0.10	+0.4
653	7.0	29 55.62	2.9683	+0.0034	−4 29 50.1	+2.624	−0.430	13.45	4.1184	+0.06	+0.4
654	4.5	29 57.54	2.9586	+0.0033	−4 54 39.8	+2.621	−0.429	14.02	4.1185	+0.05	0.0
655	**5.0**	**29 58.78**	**2.9451**	**+0.0033**	**−5 29 20.5**	**+2.619**	**−0.427**			ϑ^2 **Orionis F.St.**	
656	7.8	30 2.29	2.9451	+0.0033	−5 29 22.1	+2.614	−0.427	13.36	5.1320		
657	**3.1**	**30 3.11**	**2.9336**	**+0.0033**	**−5 58 57.1**	**+2.613**	**−0.425**			ι **Orionis F.St.**	
658	7.0	30 4.25	2.9697	+0.0033	−4 26 11.5	+2.611	−0.431	13.12	4.1186	−0.02	+0.5
659	7.0	30 6.25	2.9555	+0.0034	−3 19 30.3	+2.608	−0.434	5.01, 5.12	3.1136	+0.02	+0.4[1]
660	6.0	30 13.91	2.9582	+0.0033	−4 55 42.0	+2.597	−0.429	13.70, 13.69	4.1188	−0.12	+0.4
661	**2.0**	**30 37.88**	**3.0430**	**+0.0035**	**−1 16 21.3**	**+2.562**	**−0.441**			ε **Orionis F.St.** [1]	
662	7.8	30 39.60	2.9683	+0.0031	−4 29 48.2	+2.560	−0.430	13.86, 13.88	4.1190		
663	7.0	30 47.22	2.8987	+0.0032	−7 28 2.2	+2.549	−0.421	13.68	7.1131	−0.02	+1.1
664	7.8	30 51.50	2.9397	+0.0033	−5 43 6.2	+2.543	−0.426	13.42	5.1334		
665	6.4	31 13.24	2.9300	+0.0032	−6 8 3.6	+2.511	−0.425	12.59, 12.38	6.1255	+0.01	−0.7
666	6.7	32 4.61	2.9329	+0.0032	−6 0 20.0	+2.494	−0.426	11.79, 11.73	6.1262	+0.06	+1.0
667	7.8	32 11.39	2.9564	+0.0032	−5 0 3.4	+2.427	−0.429	12.07	5.1342		
668	7.0	32 27.73	2.9592	+0.0032	−4 52 48.7	+2.403	−0.430	11.11	4.1196	−0.03	+0.5
669	7.5	32 47.73	2.9757	+0.0032	−4 10 22.4	+2.375	−0.432	10.77	4.1198		
670	8.0	33 1.93	2.9538	+0.0032	−5 6 32.4	+2.354	−0.429	13.54	5.1347		
671	**3.7**	**33 13.39**	**3.0107**	**+0.0033**	**−2 39 51.3**	**+2.338**	**−0.438**			σ **Orionis F.St.**	
672	7.5	33 15.82	3.0109	+0.0033	−2 39 30.5	+2.335	−0.438	13.78	2.1327	−0.10	−0.5
673	6.5	33 16.85	2.9180	+0.0031	−6 38 16.6	+2.333	−0.424	12.60	6.1275	−0.07	−0.4
674	8.3	33 30.34	3.0096	+0.0033	−2 42 44.0	+2.313	−0.437	13.80	2.1328	1 Beob.	
675	5.0	33 33.71	2.9030	+0.0031	−7 16 28.9	+2.308	−0.422	13.41	7.1142	+0.03	−0.8
676	7.8	33 37.73	2.9503	+0.0031	−5 15 26.4	+2.302	−0.428	13.55	5.1351		
677	6.5	34 2.36	2.9883	+0.0032	−3 37 35.7	+2.267	−0.434	5.14	3.1166	+0.01	+0.8
678	8.0	34 25.92	2.9938	+0.0032	−3 23 27.9	+2.232	−0.435	13.69, 10.83	3.1167		
679	7.8	34 50.55	2.9916	+0.0032	−3 29 12.0	+2.197	−0.435	13.68, 13.73	3.1168		
680	7.5	35 6.51	3.0056	+0.0032	−2 53 3.3	+2.174	−0.437	12.18, 12.33	2.1337	−0.10	+0.6
681	2	35 12.50	3.0261	+0.0032	−2 0 5.1	+2.165	−0.440	13.87, 12.28	2.1338	+0.06 −0.6	+0.09 −1.3[2]
682	7.0	35 14.17	2.8924	+0.0030	−7 43 6.4	+2.163	−0.420	11.12, 11.11	7.1148		+0.3 +0.3
683	6.2	35 15.66	3.0450	+0.0032	−1 11 13.8	+2.160	−0.442	5.15, 5.14	1.1004	+0.04 +0.7	+0.02 +0.3[2]
684	8.0	35 29.47	2.9819	+0.0031	−3 54 4.4	+2.140	−0.433	13.47, 13.44	3.1170		
685	8.0	36 2.26	2.9095	+0.0030	−6 59 31.1	+2.093	−0.423	10.81, 10.77	7.1151		
686	8.0	36 7.56	2.9845	+0.0031	−3 47 14.0	+2.085	−0.434	5.90, 4.69	3.1173		
687	7.5	36 9.38	3.0039	+0.0032	−2 57 11.8	+2.082	−0.437	5.04	2.1346	+0.01	−0.4
688	8.0	37 22.30	2.9000	+0.0029	−7 23 25.5	+1.977	−0.422	11.60	7.1153		
689	6.5	37 33.35	2.9127	+0.0029	−6 51 3.1	+1.961	−0.424	10.80	6.1293	−0.06	+0.5
690	7.8	37 35.45	3.0339	+0.0031	−1 39 52.6	+1.958	−0.441	3.51	1.1012	+0.02 −0.7	+0.02 +0.9[4]
691	7.5	37 39.77	2.8966	+0.0029	−7 31 49.9	+1.951	−0.421	11.71	7.1155	schwach	
692	8.0	38 36.61	2.9652	+0.0029	−4 30 30.5	+1.869	−0.431	13.09	4.1227		
693	7.8	39 1.43	2.9440	+0.0029	−5 30 46.4	+1.833	−0.428	10.76	5.1379	+0.04	−0.1
694	7.5	39 5.80	2.9620	+0.0029	−4 44 39.4	+1.826	−0.431	12.08	4.1231		
695	7.3	39 12.75	2.9111	+0.0028	−6 54 45.6	+1.816	−0.424	12.58, 12.20	6.1302	+0.07	+0.3
696	8.0	39 14.96	2.8904	+0.0028	−7 47 28.2	+1.813	−0.421	12.93	7.1162		
697	6.5	40 35.75	2.9721	+0.0029	−4 18 39.1	+1.666	−0.433	11.48	4.1235	−0.03	−0.2
698	7.8	41 12.72	2.9092	+0.0028	−6 59 13.9	+1.642	−0.424	8.84	7.1167		
699	8.0	41 57.43	2.9110	+0.0028	−6 58 8.1	+1.577	−0.428	12.70	6.1308		
700	8.0	42 15.34	3.0181	+0.0028	−2 20 12.1	+1.551	−0.440	5.12, 5.00	2.1373	−0.05	0.0

[1] 9 Beob. [2] E.B.N. −0″.0008, +0″.010 [3] 9 Beob. [4] 9 Beob.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Präc.	Var. sec.	δ 1890.0	Präc.	Var. sec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
701	7.7	$5^h 42^m 25^s.45$	$2^s.0212$	$+0^s.0027$	$-6° 28' 29''.5$	$+1''.536$	$-0''.425$	12.55	0.1313		
702	8.0	42 49.68	3.0540	+0.0029	−0 47 52.1	+1.501	−0.445	2.70, 2.63	0.1089	+0.62 +0.9	
703	8.0	42 59.46	2.9163	+0.0027	−0 31 3.1	+1.487	−0.425	13.91, 13.76	0.1317		
704	6.5	43 6.99	2.9764	+0.0027	−4 7 32.3	+1.476	−0.434	12.74, 12.61	1.4244		+0.05 −1.9
705	7.8	43 7.64	3.0301	+0.0028	−1 49 23.6	+1.475	−0.441	5.23	1.1030	0.00 +0.3	
706	7.8	43 11.27	3.0367	+0.0028	−1 32 24.0	+1.470	−0.442	4.16, 4.34	1.1031	+0.02 +1.1	
707	8.5	43 31.71	3.0307	+0.0028	−1 47 41.1	+1.440	−0.442	13.80	1.1033	+0.01 −0.5	1 Beob.
708	8.0	43 56.40	3.0558	+0.0028	−0 13 1.3	+1.404	−0.445	12.61	0.1095	−0.14 +0.3	
709	7.8	44 5.76	3.0635	+0.0028	−0 23 8.9	+1.390	−0.446	3.56, 3.61	0.1097	−0.01 −0.3	+0.02 +0.2
710	8.0	44 40.53	2.9340	+0.0026	−5 55 51.3	+1.340	−0.428	11.57	5.1417		+0.12 +0.6
711	8.2	45 3.36	3.0385	+0.0027	−1 27 39.3	+1.307	−0.443	5.14	1.1038	−0.02 −0.6	
712	6.0	46 3.38	2.8957	+0.0026	−7 32 53.2	+1.219	−0.422	10.85, 10.80	7.1187		+0.11 −0.9
713	8.0	46 38.10	2.9007	+0.0025	−7 20 19.1	+1.169	−0.423	11.10	7.1192		
714	7.8	46 58.11	3.0186	+0.0026	−2 18 44.1	+1.140	−0.423	3.52, 3.32	2.1395		+0.11 +1.4
715	8.0	48 12.82	2.9253	+0.0025	−6 17 37.3	+1.031	−0.426	11.68	6.1344		
716	7.0	48 18.40	2.9386	+0.0025	−5 43 42.0	+1.023	−0.428	12.11, 12.30	5.1434		+0.05 +0.1
717	7.0	49 7.12	2.9771	+0.0025	−4 5 11.3	+0.952	−0.434	9.93	4.1281		
718	8.5	49 28.42	3.0502	+0.0025	−0 57 29.1	+0.921	−0.445	5.08	0.1116	+0.01 −0.3	1 Beob.
719	8.2	49 34.38	3.0271	+0.0025	−1 56 47.7	+0.912	−0.441	3.32	1.1050	+0.06 −0.7	
720	7.8	49 59.39	2.9593	+0.0024	−4 50 39.2	+0.876	−0.432	11.12	4.1288		+0.02 +0.6
721	6.0	50 3.84	2.9642	+0.0024	−4 38 7.0	+0.871	−0.432	12.24	4.1289		−0.04 −1.7
722	7.0	50 9.76	2.9602	+0.0024	−4 48 23.8	+0.860	−0.432	12.06	4.1291		+0.14 +0.4
723	7.8	50 17.20	2.8922	+0.0024	−7 41 22.6	+0.845	−0.422	13.14	7.1220		
724	9.0	50 53.41	3.0296	+0.0024	−1 50 27.9	+0.797	−0.442	5.10	1.1070	+0.10 −0.2	1 Beob.
725	6.5	52 19.07	2.9295	+0.0023	−6 6 30.2	+0.672	−0.427	10.45	6.1359		+0.07 −1.1
726	8.0	52 25.66	2.8926	+0.0023	−7 40 8.0	+0.662	−0.422	12.20	7.1232		
727	6.9	52 36.17	3.0491	+0.0023	−1 0 20.1	+0.647	−0.445	2.91	1.1078	−0.02 −0.4	+0.03 −0.7
728	8.0	52 38.22	3.0248	+0.0023	−2 2 47.1	+0.644	−0.441	6.19, 5.57	2.1413	−0.11 +0.1	
729	7.0	52 54.92	2.9637	+0.0023	−4 39 21.3	+0.620	−0.432	10.81	4.1310	.	+0.07 +0.3[1]
730	8.5	53 51.06	2.8928	+0.0022	−7 39 31.7	+0.538	−0.422	11.07	7.1241	1 Beob.	
731	7.4	54 3.45	3.0386	+0.0022	−1 27 8.0	+0.520	−0.443	6.73	1.1083	+0.02 −1.3	+0.07 +0.3
732	7.0	54 27.35	2.9178	+0.0022	−6 36 17.0	+0.485	−0.426	12.24, 12.59	6.1372		+0.06 0.0
733	8.0	54 31.14	3.0607	+0.0022	−0 30 31.8	+0.480	−0.447	10.75, 9.41	0.1137	+0.05 −0.1	
734	**5.4**	**54 33.15**	**3.0006**	**+0.0022**	**−3 4 44.6**	**+0.477**	**−0.438**			**Ll. 11382 F.St.**	
735	7.5	55 8.78	2.8943	+0.0022	−7 35 43.8	+0.425	−0.422	12.27	7.1246		
736	7.0	55 12.46	2.8972	+0.0022	−7 28 29.6	+0.419	−0.423	10.61, 10.68	7.1248		+0.08 −0.8
737	8.0	56 14.86	3.0175	+0.0021	−2 21 22.2	+0.328	−0.440	4.70	2.1448		
738	8.0	56 22.72	2.9865	+0.0021	−3 30 59.5	+0.317	−0.436	13.24	3.1265		
739	6.5	56 43.94	2.9523	+0.0021	−5 8 16.7	+0.286	−0.430	9.95	5.4178		+0.12 +0.2
740	7.0	56 51.60	2.9015	+0.0021	−7 17 26.2	+0.275	−0.423	11.76	7.1257		
741	8.0	57 8.95	3.0062	+0.0021	−2 50 21.5	+0.249	−0.438	5.74	2.1455		
742	8.5	57 10.58	3.0162	+0.0021	−2 24 48.6	+0.247	−0.440	5.10	2.1456	1 Beob.	
743	8.0	57 38.28	3.0585	+0.0020	−0 36 1.4	+0.207	−0.446	2.63	0.1150	+0.07 +0.7	
744	7.5	57 47.47	3.0147	+0.0020	−2 28 37.6	+0.194	−0.440	4.55, 3.06	2.1458		
745	6.0	58 52.77	2.9154	+0.0020	−6 42 17.3	+0.098	−0.425	10.74, 10.71	6.1391		+0.09 −0.2
746	7.4	59 9.07	3.0358	+0.0020	−1 34 29.0	+0.074	−0.443	4.97, 4.99	1.1104	+0.09 −0.1	+0.11 −0.6
747	7.8	59 32.02	2.9477	+0.0020	−5 20 9.8	+0.041	−0.430	9.83	5.1491		
748	8.0	6 0 36.95	2.9173	+0.0019	−6 37 16.8	−0.054	−0.425	12.66, 12.72	6.1407		
749	7.0	0 39.20	2.9351	+0.0019	−5 52 14.9	−0.057	−0.428	12.39, 12.44	5.1499		+0.09 −0.2
750	8.0	0 45.39	2.9011	+0.0019	−7 18 23.4	−0.066	−0.423	13.25	7.1278		

[1] E.B.C. $0''.0000$, $-0''.221$

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. sæc.	δ 1890.0	Praec.	Var.sæc.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
751	7.2	6^h $0^m47^s.36$	2.8938	+0.0019	−7°36′ 45.6	−0.069	−0.422	13.33	7.1279		
752	8.0	0 49.00	3.0303	+0.0019	−0 57 11.5	−0.071	−0.445	2.96	0.1172	+0.09 +0.4	
753	6.0	1 11.51	2.0748	+0.0019	−4 10 59.6	−0.104	−0.434	12.70	4.1302		−0.02 +0.1
754	7.0	1 26.87	2.9947	+0.0019	−3 19 48.2	−0.127	−0.437	3.63	3.1297		+0.06 —0.4
755	6.0	1 36.49	2.9275	+0.0019	−6 11 25.0	−0.141	−0.427	10.39	6.1412		−0.02 —0.1
756	8.5	3 2.05	2.9480	+0.0018	−5 19 26.7	−0.265	−0.430	9.45	5.1515	2 Beob.	
757	8.0	3 18.78	2.9482	+0.0018	−5 18 52.3	−0.290	−0.430	13.39	5.1517		
758	7.5	3 23.73	3.0254	+0.0018	−2 1 12.0	−0.297	−0.441	3.79	2.1495	—0.01 +0.3	
759	7.0	3 27.44	2.9130	+0.0018	−6 48 18.6	−0.303	−0.425	12.31	6.1424		−0.03 +0.4
760	6.8	3 28.18	2.8866	+0.0018	−7 55 9.7	−0.304	−0.421	12.24	7.1299		+0.03 —0.4
761	8.0	3 51.27	2.9843	+0.0018	−3 46 37.9	−0.337	−0.435	14.02	3.1308	manchmal s. schwach	
762	8.0	4 8.65	2.9544	+0.0018	−5 2 55.3	−0.363	−0.431	12.39	5.1521		
763	7.5	4 9.54	2.9198	+0.0018	−6 31 4.5	−0.364	−0.426	13.15	6.1432		
764	6.3	4 12.44	2.9393	+0.0018	−5 41 34.7	−0.368	−0.429	12.77	5.1523		+0.04 —0.2
765	6.3	5 40.59	2.9148	+0.0017	−6 43 53.2	−0.497	−0.425	10.76	6.1439		+0.07 +0.2
766	7.0	5 42.96	2.9022	+0.0017	−7 15 42.6	−0.500	−0.423	13.58	7.1313		+0.02 —0.5
767	7.8	5 51.48	2.8924	+0.0017	−7 40 30.6	−0.513	−0.422	13.80	7.1315		
768	8.0	6 4.08	2.9031	+0.0017	−7 13 37.4	−0.531	−0.423	13.63, 13.67	7.1318		
769	8.0	6 12.59	2.9097	+0.0017	−6 56 51.2	−0.543	−0.421	12.08	6.1442		
770	6.5	6 17.69	2.9640	+0.0017	−4 38 28.5	−0.551	−0.432	10.56	4.1393		+0.03 0.0
771	5.2	6 30.64	2.9197	+0.0017	−6 31 32.2	−0.570	−0.425	11.78	6.1446		+0.08 +0.1
772	7.0	7 13.15	3.0147	+0.0016	−2 28 41.0	−0.632	−0.439	3.05	2.1512		+0.07 +0.4
773	7.0	7 37.35	2.9578	+0.0016	−4 54 22.2	−0.667	−0.431	11.57	4.1405		+0.10 +0.6
774	7.7	7 47.42	2.9561	+0.0016	−4 58 54.0	−0.681	−0.431	13.40	4.1407		
775	7.9	8 3.56	3.0206	+0.0015	−2 13 27.6	−0.705	−0.440	3.90	2.1515		
776	6.5	8 25.92	2.9839	+0.0015	−3 42 43.6	−0.737	−0.435	9.45	3.1345		+0.07 0.0
777	8.0	8 35.79	2.9134	+0.0016	−6 47 34.4	−0.752	−0.424	14.00, 13.98	6.1461		
778	6.5	8 37.74	2.9033	+0.0016	−7 13 4.5	−0.755	−0.423	11.44	7.1332		+0.01 +0.5
779	8.5	9 2.89	2.9127	+0.0016	−6 49 21.1	−0.791	−0.424	13.80	6.1463	1 Beob.	
780	6.0	9 10.38	2.9665	+0.0015	−4 32 12.0	−0.802	−0.432	12.90, 13.26	4.1421		−0.02 +0.3
781	7.5	9 17.32	2.9694	+0.0015	−4 24 59.9	−0.812	−0.432	14.09	4.1422		+0.02 +0.5
782	**4.6**	**9 29.43**	**2.9264**	**+0.0016**	**−6 14 30.1**	**−0.830**	**−0.426**			**5 Monocerotis F.St.**	
783	7.8	9 52.41	3.0407	+0.0014	−1 21 56.4	−0.864	−0.443	5.14, 3.63	1.1166	+0.09 +1.2	
784	6.5	9 58.71	3.0615	+0.0013	−0 28 15.1	−0.873	−0.446	2.64	0.1234	+0.09 +1.5	+0.01 +1.5[1]
785	6.6	10 4.03	2.9585	+0.0015	−4 52 46.3	−0.880	−0.431	13.23	4.1431		+0.08 +0.4
786	8.0	10 24.34	2.9281	+0.0015	−6 10 24.3	−0.910	−0.426	13.97	6.1475		
787	8.0	11 51.05	2.9486	+0.0014	−5 18 15.7	−1.036	−0.429	12.07	5.1565		
788	7.2	12 26.50	2.9712	+0.0014	−4 20 27.5	−1.088	−0.432	13.24	4.1445		
789	7.0	12 47.41	2.9161	+0.0014	−6 41 5.9	−1.119	−0.424	12.80	6.1487		+0.05 +0.5
790	7.1	12 53.78	2.9414	+0.0014	−5 36 45.0	−1.128	−0.428	13.94	5.1576		+0.01 +0.5
791	8.6	13 12.92	2.9867	+0.0013	−3 40 45.8	−1.156	−0.434	3.01	3.1384	1 Beob.	
792	7.9	13 33.41	3.0417	+0.0012	−1 19 22.6	−1.185	−0.442	2.63	1.1188	+0.04 —0.3	
793	8.0	13 37.87	2.9862	+0.0013	−3 42 10.2	−1.192	−0.434	5.89	3.1387		
794	7.9	13 45.45	3.0522	+0.0012	−0 52 13.1	−1.203	−0.444	2.99	0.1255	+0.06 +0.5	
795	5.5	14 24.88	2.8903	+0.0014	−7 46 37.5	−1.260	−0.420	12.91, 12.88	7.1373		+0.13 +0.6
796	5.5	14 29.12	3.0050	+0.0012	−2 53 53.8	−1.267	−0.437	8.18, 7.53	2.1564		0.00 +1.3
797	8.0	14 43.46	3.0258	+0.0012	−2 0 27.8	−1.288	−0.440	4.37	1.1198	+0.07 +0.7	
798	7.5	14 49.08	2.8892	+0.0014	−7 49 28.4	−1.296	−0.420	13.41, 13.38	7.1378		
799	7.3	15 23.91	2.9665	+0.0012	−4 32 45.1	−1.346	−0.431	11.15	4.1467		
800	8.0	15 31.58	2.9920	+0.0012	−3 27 11.8	−1.357	−0.435	12.65, 13.25	3.1397		

[1] E.B.c. −0.0134, −0.196
N. −0.0111, −0.185

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
801	8.0	$6^h\,15^m43^s{,}96$	2,0722	+0,0012	−4° 18′ 1″,8	−1″,376	−0″,432	12.08	4.1470		
802	8.0	15 45.37	3.0453	+0.0011	−1 10 16.0	−1.377	−0.442	9.25	1.1207	+0,02 −0,2	
803	8.0	16 6.83	3.0613	+0.0010	−0 29 1.2	−1.409	−0.445	7.24	0.1266	0.00 −0.7	
804	8.0	16 44.60	2.9629	+0.0012	−4 42 4.8	−1.464	−0.430	13.08, 13.38	4.1476		
805	7.8	16 58.32	3.0107	+0.0011	−2 39 22.9	−1.484	−0.437	7.40	2.1579		
806	8.0	17 13.75	3.0544	+0.0010	−0 46 45.7	−1.506	−0.444	2.97	0.1273	+0.12 −0.7	
807	7.2	17 31.75	2.9975	+0.0011	−3 13 22.3	−1.532	−0.435	4.09	3.1413		−0,04 +0″,1
808	7.8	17 37.04	2.9919	+0.0011	−3 27 40.7	−1.540	−0.434	13.27	3.1414		
809	7.0	17 56.70	2.9645	+0.0011	−4 37 54.7	−1.569	−0.430	10.94, 10.95	4.1484		+0.10 +0.3
810	8.5	18 27.62	2.9648	+0.0011	−4 37 19.4	−1.613	−0.430	12.99	4.1490	1 Beob.	
811	7.2	18 59.47	3.0409	+0.0009	−1 21 35.6	−1.660	−0.441	5.13, 6.60	1.1231	+0.02 −1.1	
812	8.0	19 23.83	2.9456	+0.0011	−5 26 37.3	−1.695	−0.427	10.80	5.1627		
813	6.4	19 39.00	3.0521	+0.0008	−0 52 43.5	−1.717	−0.443	3.04, 2.97	0.1287	0.00 +2.9	−0.02 +1.9[1]
814	7.0	20 4.40	3.0043	+0.0009	−2 55 50.1	−1.754	−0.436	4.08	2.1601		0.00 −1.1
815	8.0	20 13.25	2.9614	+0.0010	−4 46 15.0	−1.767	−0.429	12.22	4.1501		
816	7.2	20 19.03	2.9834	+0.0010	−3 49 38.7	−1.775	−0.433	10.30, 10.59	3.1425		0.00 +0.7
817	6.8	20 40.97	2.8894	+0.0012	−7 49 56.4	−1.807	−0.419	12.80	7.1422		+0.02 −0.6
818	7.4	20 41.10	2.9921	+0.0009	−3 27 18.6	−1.807	−0.434	11.07	3.1430		−0.09 +1.4[2]
819	7.9	20 48.96	3.0559	+0.0008	−0 42 48.7	−1.819	−0.443	14.17	0.1292	−0.04 0.0	
820	7.8	20 53.98	2.9020	+0.0011	−7 17 55.1	−1.826	−0.421	14.16	7.1424		
821	6.5	21 5.39	3.0390	+0.0008	−1 26 33.9	−1.843	−0.441	3.05	1.1242	+0.13 −0.8	+0.08 +0.2
822	7.0	21 8.08	2.9670	+0.0009	−4 32 1.0	−1.847	−0.430	13.60, 13.64	4.1510		+0.03 −0.4
823	6.7	21 25.98	2.8985	+0.0011	−7 26 49.9	−1.873	−0.420	13.57	7.1429		+0.10 −0.2
824	8.0	21 31.59	2.9702	+0.0009	−4 23 40.3	−1.881	−0.430	14.17	4.1512		
825	7.2	21 33.88	2.9727	+0.0009	−4 17 26.6	−1.884	−0.431	14.08	4.1514		
826	6.2	21 38.19	3.0676	+0.0007	−0 12 38.2	−1.890	−0.445	3.64	0.1299	−0.02 −0.7	0.00 +0.1[3]
827	**5.0**	**22 31.65**	**2.9633**	**+0.0009**	**−4 41 40.7**	**−1.968**	**−0.429**			**10 Monocerotis F.St.**	
828	7.9	23 1.65	3.0574	+0.0006	−0 39 6.5	−2.011	−0.443	3.40	0.1307	0.00 +0.6	
829	7.3	23 10.47	3.0609	+0.0006	−0 30 10.6	−2.024	−0.443	3.66, 3.87	0.1308	+0.06 +0.5	[4]
830	5.5	23 28.97	2.9101	+0.0010	−6 57 47.2	−2.051	−0.421	12.26	6.1574		+0.12 −0.7
831	5.5	23 29.49	2.9101	+0.0010	−6 57 52.8	−2.052	−0.421	13.45	6.1575		+0.21 −1.4
832	7.9	24 7.49	2.9917	+0.0008	−3 28 45.5	−2.107	−0.433	3.05	3.1456		
833	7.8	24 56.35	2.9245	+0.0009	−6 21 22.8	−2.178	−0.423	10.92	6.1585		
834	7.5	24 56.41	3.0041	+0.0007	−2 56 53.2	−2.178	−0.435	6.41	2.1639		
835	7.9	25 18.71	2.9880	+0.0007	−3 38 16.7	−2.210	−0.432	14.07	3.1469		+0.01 +0.7
836	8.0	26 11.71	2.9495	+0.0008	−5 17 29.7	−2.287	−0.426	12.40	5.1666		
837	7.5	26 56.07	2.9018	+0.0009	−7 19 45.9	−2.351	−0.419	12.07	7.1456		+0.04 +0.8
838	6.7	26 59.98	2.9379	+0.0008	−5 47 18.6	−2.357	−0.425	12.49	5.1678		
839	7.9	27 15.82	2.9503	+0.0007	−5 15 38.2	−2.380	−0.426	12.48	5.1680		
840	5.9	28 2.89	3.0362	+0.0004	−1 8 14.4	−2.448	−0.440	2.63	1.1274	+0.01 +1.3	−0.06 +0.3
841	8.0	28 21.34	2.9068	+0.0008	−7 7 14.6	−2.475	−0.420	12.67, 12.73	7.1471		
842	7.0	28 51.37	3.0032	+0.0005	−2 59 24.0	−2.518	−0.433	3.50	2.1663		+0.08 +0.6
843	7.4	28 52.60	2.9608	+0.0006	−4 48 56.8	−2.520	−0.427	11.45	4.1569		+0.04 +0.9
844	8.0	29 26.19	2.9660	+0.0006	−4 35 42.3	−2.569	−0.428	12.90, 12.91	4.1574		
845	7.3	29 51.23	2.9635	+0.0006	−4 42 10.7	−2.605	−0.427	12.09, 11.89	4.1576		
846	8.0	30 2.53	3.0227	+0.0004	−2 9 5.5	−2.621	−0.436	4.31, 4.40	2.1669	−0.08 +2.0	[5]
847	8.2	30 5.90	2.9824	+0.0005	−3 53 28.2	−2.626	−0.430	13.03	3.1501	1 Beob.	
848	7.7	30 21.96	3.0007	+0.0004	−3 6 1.6	−2.649	−0.433	6.46	3.1503		
849	8.0	30 29.77	2.9824	+0.0005	−3 53 19.8	−2.660	−0.430	10.59	3.1506		
850	5.8	31 10.44	2.9538	+0.0005	−5 7 13.2	−2.719	−0.426	11.12	5.1710		+0.02 +0.3

[1] E.B.C. +0″,0151, −0″,187
N. +0.0151, −0.216

[2] E.B.?

[3] E.B.N. +0″,0022, +0″,012

[4] E.B.N. −0″,0026, −0″,016

[5] E.B.N. +0″,009, −0″,13

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	Bemerkungen und Vergleichung K – Radel.
851	7.5	$6^h\,31^m\,33^s.20$	$3^s.0243$	$+0^s.0003$	$-2^\circ\ 5'\ 15''.1$	$-2''.752$	$-0''.436$	2.64	2.1680	$-0^s.08$ $+1''.5$	
852	6.4	32 48.89	3.0159	+0.0003	−2 26 57.8	−2.861	−0.434	3.39	2.1691		$-0^s.05$ $+0''.3$
853	8.5	33 18.91	2.9521	+0.0004	−5 12 6.2	−2.905	−0.425	12.03	5.1724	1 Beob.	
854	7.7	34 11.87	3.0429	+0.0001	−1 16 54.0	−2.981	−0.434	3.06	1.1318	+0.01 −0.2	0.00 +0.3
855	7.8	34 33.69	3.0203	+0.0002	−2 15 44.0	−3.013	−0.434	5.04	2.1704		+0.08 −0.5
856	8.0	34 43.41	2.9525	+0.0004	−5 11 24.0	−3.027	−0.424	10.50	5.1735		[1]
857	7.7	34 49.02	2.9717	+0.0003	−4 21 41.3	−3.035	−0.427	11.07, 11.24	4.1610		
858	7.3	34 56.78	2.9279	+0.0005	−6 14 47.2	−3.046	−0.421	12.07	6.1664		+0.03 +0.6
859	7.1	35 43.01	2.8993	+0.0005	−7 28 13.6	−3.112	−0.416	12.03	7.1523		+0.02 +0.1
860	7.7	35 45.19	2.9430	+0.0004	−5 36 10.5	−3.116	−0.424	13.46	5.1747		
861	8.0	35 50.59	3.0209	+0.0001	−2 14 35.1	−3.124	−0.434	7.45	2.1716		−0.02 +0.8
862	7.2	36 2.52	2.9089	+0.0005	−7 3 56.8	−3.141	−0.418	13.72, 13.75	7.1526		+0.04 −0.9
863	7.0	36 44.69	2.9336	+0.0004	−6 0 33.3	−3.201	−0.421	12.27	5.1753		+0.09 −0.3
864	7.7	37 9.19	2.9865	+0.0002	−3 43 47.7	−3.237	−0.428	4.28	3.1590		
865	7.0	37 20.08	2.9795	+0.0002	−4 2 3.1	−3.252	−0.427	9.88	4.1627		−0.03 +0.6
866	7.8	38 1.39	3.0440	−0.0001	−1 14 17.1	−3.312	−0.436	2.64	1.1349	+0.05 +0.8	
867	8.0	39 31.13	3.0516	−0.0002	−0 54 30.3	−3.441	−0.437	7.40	0.1416	0.00 −0.1	
868	8.0	39 36.67	2.9381	+0.0002	−5 49 48.2	−3.449	−0.421	11.50, 11.27	5.1777		
869	7.6	40 13.75	3.0587	−0.0003	−0 36 6.4	−3.502	−0.438	7.07	0.1421	−0.01 +0.1	+0.05 +0.6
870	7.3	40 38.21	2.9057	+0.0003	−7 13 25.8	−3.537	−0.416	11.61	7.1551		
871	8.0	41 23.95	2.9337	+0.0002	−6 1 40.1	−3.603	−0.419	13.18	5.1797		+0.08 −1.1
872	7.9	42 31.70	2.9568	+0.0001	−5 2 1.4	−3.700	−0.422	12.88	4.1665		
873	8.0	42 31.86	2.9776	0.0000	−4 7 57.7	−3.700	−0.425	13.86	4.1664		
874	6.7	42 44.45	3.0451	−0.0003	−1 11 48.5	−3.718	−0.435	8.86	1.1386	+0.01 −0.2	−0.04 −0.1
875	7.7	42 48.49	3.0336	−0.0003	−1 41 50.2	−3.724	−0.433	12.52, 12.66	1.1387	+0.02 −0.7	
876	8.0	42 55.11	3.0372	−0.0003	−1 32 27.3	−3.733	−0.436	13.98	1.1388	−0.03 +0.7	
877	7.0	43 3.04	2.8965	+0.0003	−7 37 59.6	−3.745	−0.413	11.78	7.1577		+0.01 +0.5 [2]
878	7.8	43 8.20	2.9818	−0.0001	−3 57 6.1	−3.752	−0.425	10.87	3.1603		
879	6.1	43 44.00	3.0233	−0.0003	−2 8 54.4	−3.803	−0.431	10.27, 10.88	2.1776	0.00 +0.2	+0.03 +0.3
880	8.0	44 9.47	3.0447	−0.0004	−1 12 55.5	−3.840	−0.437	9.98, 9.57	1.1395	−0.12 +1.2	
881	7.2	44 16.32	2.9047	+0.0002	−7 17 17.2	−3.850	−0.414	11.61	7.1578		
882	7.5	44 31.23	2.9488	0.0000	−5 23 16.1	−3.871	−0.420	13.17	5.1815		
883	6.7	45 12.82	3.0631	−0.0005	−0 24 27.0	−3.930	−0.436	2.98	0.1462	0.00 +2.3	−0.05 +0.5 [3]
884	7.2	45 15.83	2.9777	−0.0002	−4 8 18.9	−3.935	−0.424	13.73, 13.88	4.1685		+0.03 +0.8
885	6.8	45 24.51	2.8903	+0.0002	−7 54 48.3	−3.947	−0.412	11.93	7.1592		+0.03 +0.0
886	8.0	45 49.18	2.9950	−0.0003	−3 23 5.4	−3.982	−0.426	4.75, 6.12	3.1620		
887	7.0	46 9.05	3.0205	−0.0004	−2 16 22.7	−4.011	−0.430	8.34	2.1798		+0.04 +0.2
888	7.3	46 12.77	2.9155	+0.0001	−6 50 12.3	−4.016	−0.415	13.27	6.1775		
889	7.7	46 19.09	3.0257	−0.0004	−2 2 44.7	−4.025	−0.430	9.78	2.1801	+0.05 +0.1	
890	8.5	46 22.77	2.9497	−0.0001	−5 21 32.8	−4.030	−0.420	13.17	5.1830	1 Beob.	
891	7.2	46 48.17	2.9462	−0.0001	−5 30 50.7	−4.066	−0.419	13.25	5.1839		
892	6.9	46 56.74	2.9570	−0.0001	−5 2 30.8	−4.079	−0.420	12.38	5.1844		−0.08 +0.2 [4]
893	6.3	46 58.15	2.9538	−0.0001	−5 11 2.8	−4.081	−0.420	12.29	5.1845		−0.02 −0.9
894	7.8	47 49.40	2.8973	+0.0001	−7 37 54.3	−4.154	−0.412	13.46, 13.43	7.1614		+0.01 +0.3 [5]
895	6.4	48 45.16	2.9417	−0.0001	−5 42 57.9	−4.234	−0.417	13.46, 13.54	5.1863		+0.04 +0.3
896	6.4	48 49.22	3.0199	−0.0007	−0 59 23.8	−4.239	−0.433	4.98	0.1487	+0.05 +0.6	−0.06 −0.2
897	8.0	48 50.81	2.9379	−0.0001	−5 52 55.0	−4.242	−0.417	12.11	5.1864		
898	8.0	48 56.67	2.9294	−0.0001	−6 15 8.5	−4.250	−0.416	13.57	6.1808		
899	6.7	49 8.23	3.0356	−0.0006	−1 37 8.2	−4.266	−0.431	2.64	1.1416	−0.03 −0.7	−0.04 +0.1
900	6.3	49 27.78	3.0117	−0.0005	−2 39 54.6	−4.294	−0.417	6.30, 6.14	2.1827		−0.01 +0.4

[1] E.B. in α^2
[2] E.B. in α^2
[3] E.B.c. $-0^s.0007$, $-0''.162$
N. -0.20
[4] E.B.c. $-0^s.0383$, $+0^s.030$
[5] manchmal schwach

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
901	7.8	$6^h\,40^m\,36^s.73$	3ˢ.0191	−0ˢ.0005	−2° 20′ 32″.2	−4″.307	−0″.428	9.48	2.1829		
902	7.9	50 20.01	3.0396	−0.0007	−1 26 42.2	−4.369	−0.431	10.26	1.1459	−0ˢ.04 +0ˢ.7	
903	7.6	51 21.80	2.8884	0.0000	−8 2 23.1	−4.458	−0.409	10.93	7.1640		
904	7.6	51 22.80	2.9917	−0.0005	−3 32 54.2	−4.459	−0.423	8.61	3.1657		+0ˢ.03 −0ˢ.9
905	6.4	51 42.44	2.8886	0.0000	−8 2 5.9	−4.486	−0.409	11.58	7.1642		
906	8.0	52 57.27	2.9729	−0.0005	−4 22 40.2	−4.592	−0.420	11.71	4.1752		
907	7.8	52 57.52	3.0071	−0.0006	−2 52 35.0	−4.593	−0.425	4.29	2.1856		
908	7.5	53 16.23	2.9120	−0.0004	−7 2 8.7	−4.619	−0.411	11.19, 10.83	6.1859		+0.02 +0.2
909	8.0	53 29.02	2.9846	−0.0006	−3 52 10.7	−4.637	−0.422	13.61	3.1672		
910	9.1	53 39.05	3.0025	−0.0006	−3 4 49.8	−4.652	−0.424	5.05	3.1674	1 Beob.	
911	6.5	54 54.02	2.9539	−0.0004	−5 13 2.0	−4.758	−0.416	10.78	5.1910		−0.06 +0.3
912	7.3	54 57.39	2.9435	−0.0004	−5 40 26.8	−4.763	−0.415	12.26	5.1912		
913	7.7	55 31.86	3.0023	−0.0007	−3 5 54.1	−4.811	−0.423	5.04	3.1685		+0.06 +0.2
914	8.0	55 56.62	3.0054	−0.0008	−2 57 44.7	−4.846	−0.423	4.15, 4.05	2.1885		
915	7.2	56 17.94	3.0456	−0.0010	−1 11 18.3	−4.877	−0.429	2.68, 2.04	1.1509	+0.05 +1.1	+0.02 −0.3
916	5.0	56 32.49	2.9462	−0.0005	−5 33 56.8	−4.897	−0.414	13.06	5.1926		+0.04 +0.1
917	7.0	56 37.83	2.9910	−0.0007	−3 35 52.6	−4.905	−0.421	7.63	3.1694		
918	7.3	56 44.36	2.9394	−0.0004	−5 51 53.0	−4.914	−0.413	13.50	5.1927		
919	**5.4**	**57 27.12**	**2.9801**	**−0.0007**	**−4 4 48.6**	**−4.974**	**−0.419**			**19 Monocerotis F.St.**	
920	8.0	57 54.78	3.0078	−0.0009	−2 51 53.5	−5.013	−0.422	9.37, 9.97	2.1899		
921	7.7	58 4.85	3.0636	−0.0012	−0 23 46.3	−5.028	−0.430	4.04	0.1571	+0.09 +2.1	
922	5.8	58 40.24	2.9557	−0.0006	−5 9 42.4	−5.078	−0.415	13.20	5.1943		−0.05 0.0
923	7.9	59 34.09	3.0567	−0.0012	−0 42 3.1	−5.153	−0.429	4.74	0.1582	+0.05 +0.2	
924	7.9	59 56.34	3.0585	−0.0013	−0 37 16.5	−5.185	−0.429	5.71	0.1587	+0.10 +0.6	
925	7.2	7 0 3.82	2.8918	−0.0003	−7 58 3.4	−5.195	−0.405	12.71	7.1731		
926	8.0	0 16.83	3.0534	−0.0012	−0 50 52.4	−5.214	−0.428	3.85	0.1590	−0.03 +0.3	1
927	7.6	0 57.16	3.0061	−0.0010	−2 56 51.1	−5.270	−0.421	4.77	2.1925		+0.03 −0.1
928	8.0	1 19.01	3.0145	−0.0010	−2 34 44.0	−5.301	−0.422	3.73, 3.94	2.1931		
929	8.0	1 34.66	2.9529	−0.0007	−5 18 7.0	−5.323	−0.413	10.96	5.1967		
930	7.8	2 30.31	2.9711	−0.0008	−4 30 21.4	−5.401	−0.415	11.61, 11.74	4.1830		
931	7.9	4 9.01	2.9405	−0.0007	−5 52 3.8	−5.540	−0.410	13.21	5.1993		0.00 +0.1
932	**5.8**	**4 45.87**	**2.9812**	**−0.0010**	**−4 3 57.5**	**−5.592**	**−0.415**			**20 Monocerotis F.St.**	
933	8.5	5 11.93	2.9707	−0.0009	−4 32 14.0	−5.628	−0.413	13.19	4.1842	1 Beob.	
934	7.7	5 14.35	2.8992	−0.0005	−7 41 31.3	−5.631	−0.403	13.59	7.1783		−0.05 0.0
935	7.2	5 34.48	2.9892	−0.0011	−3 43 4.3	−5.660	−0.416	4.09	3.1781		+0.07 +0.6
936	7.9	5 43.80	2.9711	−0.0010	−4 31 23.6	−5.673	−0.413	13.69	4.1845		
937	6.4	5 46.31	3.0698	−0.0016	−0 7 15.4	−5.676	−0.427	4.98	0.1634	+0.10 +0.9	+0.02 −0.5[2]
938	7.8	5 51.86	2.9032	−0.0006	−7 31 24.7	−5.684	−0.404	13.26	7.1790		
939	4.2	6 14.81	3.0656	−0.0016	−0 18 40.5	−5.716	−0.426	4.35	0.1636	−0.08 −0.4	−0.01 −0.7[3]
940	7.9	7 9.66	2.8920	−0.0005	−8 1 41.6	−5.793	−0.421	13.41	7.1802		
941	7.9	7 28.71	2.9162	−0.0007	−6 57 53.8	−5.819	−0.404	11.11	6.1989		
942	8.0	7 40.80	3.0709	−0.0017	−0 4 26.1	−5.836	−0.426	4.84	0.1646	+0.06 +0.2	
943	7.8	8 18.96	2.9614	−0.0010	−4 58 7.1	−5.889	−0.410	10.76	4.1862		
944	8.0	8 27.01	2.9935	−0.0012	−3 32 13.8	−5.901	−0.415	4.09, 3.99	3.1803		
945	6.5	8 42.40	2.9896	−0.0012	−3 42 49.2	−5.922	−0.414	3.71	3.1804		−0.04 0.0
946	8.0	9 29.24	3.0138	−0.0014	−2 38 0.8	−5.987	−0.417	13.39	2.2008		−0.01 +0.1
947	7.8	9 39.80	2.9048	−0.0007	−7 29 23.9	−6.002	−0.402	11.60	7.1829		
948	8.0	10 0.55	3.0354	−0.0016	−1 40 4.7	−6.031	−0.420	2.97	1.1618	+0.04 +1.9	
949	8.0	10 54.64	2.9006	−0.0007	−7 41 14.3	−6.106	−0.400	11.10	7.1844		
950	8.0	11 7.92	2.9647	−0.0011	−4 50 27.4	−6.124	−0.410	11.17	4.1882		

[1] E.B.C. +0ˢ.0020, −0″.211 N. −0.16

[2] E.B.N. −0ˢ.0021, +0ˢ.003

[3] E.B.N. −0ˢ.0014, +0ˢ.027

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
951	8.2	$7^h\ 11^m 23^s.14$	2.9944	−0.0013	−3° 30′ 43″	−6″.146	−0″.413	5.74	3.1824		
952	7.6	11 37.96	2.9089	−0.0008	−7 19 52.9	−6.166	−0.401	13.18	7.1851		
953	7.9	11 38.15	2.9379	−0.0009	−6 2 34.6	−6.166	−0.405	13.56	5.2050		
954	7.9	12 6.24	2.9936	−0.0013	−3 33 4.7	−6.205	−0.412	3.44	3.1831		
955	7.3	12 7.58	2.9473	−0.0010	−5 37 34.0	−6.207	−0.406	12.91	5.2055		+0.01 −0.1
956	6.3	12 9.89	2.9281	−0.0009	−6 29 1.4	−6.210	−0.403	13.31	6.2032		+0.02 +0.6
957	8.0	12 32.43	3.0078	−0.0015	−2 55 1.0	−6.242	−0.414	3.94. 3.80	2.2039		
958	7.8	13 18.91	2.9081	−0.0008	−7 22 55.0	−6.306	−0.400	11.08	7.1873		+0.05 +0.3
959	7.8	13 30.03	2.9755	−0.0013	−4 22 50.7	−6.304	−0.408	10.73	4.1907		
960	7.0	14 38.02	2.9904	−0.0014	−3 42 42.4	−6.415	−0.410	4.17	3.1850		+0.10 +0.3
961	7.3	14 38.94	2.9664	−0.0012	−4 47 16.9	−6.417	−0.407	12.21	4.1908		
962	7.8	14 49.83	2.9409	−0.0011	−5 56 6.1	−6.432	−0.403	13.15	5.2073		
963	8.0	15 7.84	2.9306	−0.0010	−6 23 52.5	−6.457	−0.399	13.33	6.2057		
964	8.0	15 10.16	3.0583	−0.0020	−0 38 33.0	−6.460	−0.419	2.94	0.1683	+0.02 −0.6	
965	7.5	15 26.52	2.9411	−0.0011	−5 55 50.9	−6.482	−0.403	11.66, 12.07	5.2075		
966	8.0	15 52.23	3.0044	−0.0016	−3 4 57.3	−6.518	−0.412	3.45	3.1858		
967	6.5	15 59.02	2.8798	−0.0007	−8 40 2.8	−6.528	−0.394	13.02	8.1862	1 Beob.	[1]
968	7.0	16 10.65	2.9466	−0.0012	−5 41 25.3	−6.543	−0.404	12.27	5.2080		+0.02 +1.0
969	6.5	16 47.52	3.0114	−0.0017	−2 46 14.5	−6.594	−0.412	5.77	2.2079		+0.04 +0.3
970	5.9	17 1.66	2.9449	−0.0012	−5 46 25.3	−6.614	−0.403	9.63	5.2089		−0.05 0.0
971	8.1	17 20.52	2.9914	−0.0015	−3 40 50.3	−6.633	−0.409	4.51. 4.59	3.1871		
972	7.5	18 32.62	2.9896	−0.0016	−3 45 57.9	−6.739	−0.408	4.03	3.1878		
973	7.7	20 24.44	3.0280	−0.0019	−2 1 45.9	−6.892	−0.412	2.94	1.1707	+0.05 −0.1	
974	6.3	20 26.84	2.9504	−0.0013	−5 33 27.0	−6.895	−0.401	9.65	5.2112		−0.02 +0.2
975	7.4	20 36.04	2.9777	−0.0015	−4 19 8.4	−6.908	−0.405	11.08, 10.92	4.1943		+0.04 −0.2
976	8.0	20 57.14	3.0671	−0.0023	−0 15 0.9	−6.937	−0.417	3.66	0.1721	+0.32 +1.1	0.00 0.0
977	7.5	21 5.44	2.9151	−0.0011	−7 9 17.5	−6.948	−0.396	12.27	7.1963		−0.01 −0.4
978	7.8	21 21.99	2.9485	−0.0013	−5 38 59.0	−6.971	−0.400	12.45	5.2118		
979	7.0	22 28.26	3.0144	−0.0019	−2 39 33.2	−7.061	−0.408	4.04	2.2126		−0.01 0.0
980	7.9	23 1.32	2.9205	−0.0012	−6 56 5.2	−7.106	−0.395	11.84	6.2124		
981	7.8	23 26.90	2.9938	−0.0018	−3 36 28.1	−7.141	−0.405	4.21	3.1912		
982	6.5	23 44.98	3.0359	−0.0021	−1 40 45.3	−7.166	−0.410	2.94	1.1738	−0.03 +1.1	+0.01 −0.4
983	7.8	23 47.36	2.9783	−0.0016	−4 18 55.4	−7.169	−0.402	9.57	4.1965		
984	5.9	24 5.02	2.9120	−0.0011	−7 19 43.0	−7.193	−0.393	10.76	7.1990		+0.11 +0.3[2]
985	8.5	25 10.22	3.0531	−0.0023	−0 53 29.1	−7.282	−0.412	5.15	0.1740	+0.07 +1.2	3 Beob.
986	8.0	25 23.01	2.9309	−0.0013	−6 29 17.2	−7.299	−0.395	13.11	6.2146		
987	6.9	25 25.33	2.9637	−0.0016	−4 59 47.2	−7.302	−0.399	11.43	4.1979		−0.04 +0.9
988	7.5	25 41.69	3.0531	−0.0023	−0 53 42.0	−7.325	−0.411	4.20	0.1743	−0.01 +0.7	0.00 −0.6
989	8.0	25 54.26	2.9757	−0.0017	−4 26 54.2	−7.342	−0.401	12.53	4.1984		
990	7.3	26 34.08	2.9483	−0.0015	−5 42 35.1	−7.396	−0.396	12.66	5.2153		−0.02 0.0
991	8.2	26 47.53	2.9195	−0.0013	−7 1 25.4	−7.414	−0.392	9.18	6.2157	1 Beob.	
992	7.7	27 16.07	3.0335	−0.0022	−1 47 58.2	−7.452	−0.407	3.23	1.1756	+0.02 −0.7	−0.02 0.0
993	7.8	27 28.66	2.9191	−0.0013	−7 2 59.5	−7.470	−0.392	12.79, 13.15	6.2165		
994	7.4	27 37.17	2.9284	−0.0014	−6 37 44.2	−7.481	−0.393	11.13	6.2166		
995	7.3	28 10.05	2.9425	−0.0015	−5 59 25.3	−7.526	−0.394	12.15	5.2165		−0.04 −0.1
996	7.5	28 43.17	2.9119	−0.0013	−7 23 35.8	−7.570	−0.390	10.82, 10.62	7.2041		
997	7.4	30 32.04	3.0098	−0.0021	−2 54 45.8	−7.718	−0.402	9.14	2.2107		+0.04 −0.4[3]
998	6.3	30 57.77	2.8978	−0.0012	−8 4 4.9	−7.751	−0.386	13.10	7.2065		+0.05 0.0
999	**5.3**	**31 48.54**	**2.9893**	**−0.0020**	**−3 51 56.8**	**−7.820**	**−0.398**			**25 Monocerotis F.St.**	
1000	8.0	31 55.44	3.0340	−0.0024	−1 47 26.7	−7.829	−0.404	13.46	1.1779	−0.01 +0.3	

[1] E.B.C. 0″.0000, −0″.160 [2] E.B.C. +0″.0040, +0″.155 [3] E.B.C. −0″.0212, +0″.134

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. sec.	δ 1890.0	Praec.	Var. sec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
1001	7.8	$7^h 32^m 16^s.78$	$3^s.0221$	$-0^s.0023$	$-2°\,20'\,57''.5$	$-7''.858$	$-0''.402$	13.55	2.2207		
1002	7.1	32 23.17	2.9111	−0.0013	−7 28 50.2	−7.896	−0.387	13.98	7.2087		
1003	6.8	32 29.69	2.9279	−0.0015	−6 42 37.8	−7.875	−0.389	13.99	6.2207		−0.06 +0.6
1004	7.1	32 42.44	2.9025	−0.0013	−7 52 42.1	−7.892	−0.386	13.48	7.2088		
1005	8.0	33 16.59	2.9707	−0.0019	−4 44 29.1	−7.938	−0.394	13.72, 13.66	4.2028		
1006	7.8	33 24.18	2.9606	−0.0018	−5 12 44.9	−7.948	−0.393	13.53	5.2196		−0.02 −0.8
1007	8.0	34 25.62	3.0378	−0.0025	−1 37 21.3	−8.030	−0.402	3.79, 3.70	1.1793	−0.07 +1.3	−0.01 −0.3
1008	7.8	34 25.68	2.9439	−0.0017	−5 59 33.2	−8.030	−0.390	11.59	5.2202		
1009	7.7	34 28.85	3.0011	−0.0022	−3 20 11.1	−8.035	−0.397	3.69, 3.80	3.2001		−0.10 +1.0[1]
1010	6.3	35 16.28	2.9021	−0.0013	−7 55 51.1	−8.098	−0.384	12.13	7.2118		−0.03 +0.1
1011	8.0	36 23.73	2.9250	−0.0016	−6 53 39.2	−8.188	−0.386	12.24	6.2243		
1012	7.5	37 45.70	2.9902	−0.0022	−3 52 11.5	−8.297	−0.393	4.17, 4.23	3.2028		
1013	7.1	38 4.73	2.9785	−0.0021	−4 25 11.2	−8.322	−0.392	11.22	4.2062		−0.03 −0.6
1014	6.9	38 10.15	2.9780	−0.0021	−4 26 48.5	−8.329	−0.391	10.82	4.2063		−0.05 −0.5
1015	8.0	38 40.45	3.0091	−0.0024	−2 59 18.9	−8.369	−0.395	4.81	2.2263		+0.10 +0.1
1016	8.0	38 53.35	2.9706	−0.0020	−4 47 52.0	−8.387	−0.390	13.12	4.2069		[2]
1017	8.0	39 41.27	3.0689	−0.0030	−0 10 23.6	−8.450	−0.402	4.96	0.1808	0.00 −0.1	+0.02 −0.3
1018	7.2	39 44.25	2.9838	−0.0022	−4 11 16.0	−8.454	−0.391	11.59	4.2075		+0.04 −0.3
1019	8.0	39 45.01	3.0675	−0.0030	−0 14 53.8	−8.455	−0.402	5.93	0.1809	+0.05 +0.9	
1020	7.0	40 17.76	2.9578	−0.0019	−5 24 44.6	−8.498	−0.387	12.11	5.2237		+0.04 −0.4
1021	7.7	40 30.15	2.9183	−0.0016	−7 15 42.8	−8.515	−0.382	12.88	7.2178		+0.06 −0.5
1022	5.5	40 39.17	2.9346	−0.0017	−6 30 9.6	−8.527	−0.384	11.12	6.2281		+0.04 +0.3
1023	8.0	40 41.08	2.9944	−0.0023	−3 41 37.9	−8.529	−0.392	4.13	3.2053		
1024	8.0	41 10.70	2.9440	−0.0018	−6 4 18.5	−8.568	−0.384	11.33	5.2243		
1025	8.0	42 17.72	3.0039	−0.0024	−3 15 31.2	−8.656	−0.391	4.78	3.2065		
1026	7.1	42 53.26	2.9353	−0.0018	−6 30 7.3	−8.703	−0.382	10.94	6.2305		+0.05 +0.2
1027	8.7	43 40.42	3.0430	−0.0029	−1 24 16.4	−8.765	−0.395	5.15	1.1842	+0.06 +1.3	1 Beob.
1028	7.9	43 44.37	2.9804	−0.0022	−4 23 3.7	−8.770	−0.387	10.50	4.2097		
1029	8.0	44 23.23	3.0219	−0.0027	−2 24 52.2	−8.821	−0.392	5.27, 5.55	2.2306		
1030	8.0	44 32.29	3.0431	−0.0029	−1 24 17.0	−8.833	−0.395	3.31	1.1848	+0.05 +2.2	−0.01 +0.7
1031	7.3	45 0.72	3.0030	−0.0025	−3 19 12.5	−8.870	−0.389	5.12	3.2087		+0.07 +0.2
1032	7.0	45 11.96	2.9566	−0.0020	−5 31 30.2	−8.885	−0.383	11.12	5.2267		−0.01 −0.5
1033	7.5	46 9.43	2.9320	−0.0018	−6 42 10.6	−8.960	−0.379	10.63	6.2334		+0.04 −0.1
1034	6.7	46 37.34	3.0147	−0.0027	−2 46 21.8	−8.996	−0.389	9.94	2.2322		0.00 +0.6
1035	7.8	47 2.47	3.0238	−0.0028	−2 20 19.4	−9.029	−0.390	9.00	2.2325		
1036	5.7	47 21.99	2.9651	−0.0022	−5 8 39.7	−9.054	−0.382	10.96	5.2280		+0.05 +0.4
1037	7.8	48 24.37	2.9522	−0.0020	−5 46 23.2	−9.136	−0.379	11.31, 11.28	5.2284		
1038	7.8	48 42.41	3.0048	−0.0026	−3 15 32.8	−9.159	−0.386	4.14	3.2112		
1039	7.8	49 1.00	3.0492	−0.0031	−1 7 24.6	−9.183	−0.391	4.10	1.1883	+0.03 +0.8	[3]
1040	7.2	49 1.18	3.0204	−0.0028	−2 30 31.4	−9.183	−0.388	5.95	2.2341		+0.07 −0.1
1041	8.0	49 42.53	2.9837	−0.0024	−4 16 55.1	−9.237	−0.382	10.97	4.2141		+0.05 +1.0
1042	7.3	51 1.53	2.9126	−0.0017	−7 41 57.7	−9.339	−0.372	10.85	7.2264		+0.12 +0.6
1043	7.5	51 23.98	3.0072	−0.0027	−3 9 43.3	−9.368	−0.384	8.66	3.2129		
1044	7.5	51 49.07	3.0655	−0.0034	−0 20 30.5	−9.400	−0.391	7.83	0.1864	−0.01 +0.8	+0.04 −0.2[4]
1045	7.8	51 55.66	3.0178	−0.0028	−2 39 11.8	−9.409	−0.385	4.83	2.2360		+0.05 +0.4
1046	7.3	51 59.08	2.9170	−0.0018	−7 30 21.5	−9.413	−0.371	11.43	7.2273		
1047	8.0	52 25.48	2.9422	−0.0020	−6 18 15.3	−9.447	−0.374	11.92	6.2378		
1048	7.8	53 0.10	2.9465	−0.0021	−6 6 30.5	−9.492	−0.374	12.81	6.2383		
1049	8.0	53 0.22	3.0038	−0.0027	−3 20 28.7	−9.492	−0.382	9.54, 9.26	3.2146		
1050	8.0	53 5.02	2.9990	−0.0027	−3 34 27.3	−9.498	−0.381	10.87	3.2147		

[1] E.B.C. +0.0044, −0.229

[2] E.B.C. −0.0034, +0.204

[3] E.B.C. −0.0196, −0.034
N. −0.0172, −0.042

[4] Nic.Gr. 8.4

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radcl.
1051	8.4	$7^h 53^m 20^s.23$	2.9771	−0.0024	−4° 38′ 11″.8	−0″.517	−0″.378	11.12	4.2158	1 Beob.	
1052	8.0	53 23.41	3.0695	−0.0035	−0 8 44.3	−0.522	−0.390	13.37	0.1874		
1053	7.0	53 35.05	2.9896	−0.0026	−4 2 0.6	−0.536	−0.379	13.38	3.2151		+0.05 −0.2
1054	7.9	54 14.28	2.9721	−0.0024	−4 53 19.2	−0.587	−0.377	12.15	4.2162		
1055	**5.4**	**54 14.41**	**3.0032**	**−0.0027**	**−3 22 48.6**	**−9.587**	**−0.381**			**27 Monocerotis F.St.**	
1056	8.0	54 24.74	3.0418	−0.0032	−1 29 52.2	−9.600	−0.385	9.19	1.1916	−0.06 0.0	
1057	7.0	55 1.59	2.9787	−0.0025	−4 34 45.0	−0.647	−0.377	12.46	4.2166	+0.06	−0.5
1058	8.0	55 10.46	2.9847	−0.0035	−4 17 22.2	−0.659	−0.377	13.57, 13.58	4.2168		
1059	6.8	55 12.23	3.0197	−0.0029	−2 34 49.3	−0.661	−0.382	13.32, 13.38	2.2379	−0.08	+0.8
1060	8.0	55 18.25	2.9861	−0.0025	−4 13 9.1	−0.669	−0.377	13.70	4.2170		
1061	7.8	55 19.31	2.9812	−0.0025	−4 27 25.1	−9.670	−0.376	13.70	4.2173		
1062	5.3	55 37.54	3.0503	−0.0031	−1 5 15.4	−9.693	−0.385	8.84, 8.16	0.1882	+0.03 −0.4	−0.09 0.0[1]
1063	6.8	55 39.93	2.9472	−0.0021	−6 6 55.0	−9.696	−0.372	11.95	6.2407		−0.05 −1.5
1064	8.0	55 42.93	3.0068	−0.0028	−3 12 59.4	−9.700	−0.380	13.32	3.2171		
1065	8.3	56 21.48	3.0064	−0.0028	−3 14 24.4	−9.749	−0.379	13.92	3.2176	1 Beob.	
1066	8.4	56 29.99	2.9103	−0.0017	−7 54 34.6	−9.760	−0.366	9.25	7.2319	1 Beob.	
1067	6.5	57 1.70	2.9493	−0.0022	−6 1 51.8	−9.800	−0.371	11.65	5.2339		+0.03 −0.8
1068	8.0	57 7.07	3.0300	−0.0031	−2 5 26.9	−9.807	−0.381	4.79	1.1928	0.00 +0.8	
1069	7.5	57 22.33	2.9497	−0.0022	−6 0 58.8	−9.827	−0.371	12.06, 11.90	5.2341		−0.06 −0.4
1070	7.0	58 12.18	2.9118	−0.0018	−7 51 58.6	−9.890	−0.365	10.51, 10.38	7.2329		+0.06 0.0
1071	7.5	58 42.48	2.9808	−0.0026	−4 31 2.2	−9.927	−0.374	11.84, 11.95	4.2197		
1072	8.0	58 53.18	3.0465	−0.0033	−1 17 5.6	−9.942	−0.381	3.60	1.1940	+0.07 +1.2	
1073	8.3	59 9.16	2.9718	−0.0024	−4 57 37.0	−9.962	−0.372	11.10	4.2201	1 Beob.	
1074	7.0	59 22.84	2.9690	−0.0024	−5 6 3.3	−9.980	−0.371	11.99	5.2353		+0.01 −0.2
1075	7.0	59 28.20	3.0080	−0.0026	−3 11 4.9	−9.986	−0.376	5.17	3.2202		0.00 +0.3
1076	6.8	8 0 12.61	3.0673	−0.0037	−0 15 36.0	−10.042	−0.383	3.63	0.1903	+0.06 −0.3	−0.06 +0.5
1077	7.8	0 53.28	3.0306	−0.0032	−2 4 44.4	−10.094	−0.377	8.86, 8.18	1.1955	−0.01 −0.4	+0.07 −0.1
1078	8.0	1 17.23	3.0457	−0.0034	−1 19 55.1	−10.124	−0.379	8.43, 8.83	1.1957	0.00 +2.9	
1079	7.0	2 10.50	3.0104	−0.0030	−3 5 20.2	−10.191	−0.373	6.33	2.2437		+0.02 −0.1
1080	8.2	2 29.64	2.9911	−0.0027	−4 3 3.9	−10.215	−0.371	11.10	3.2217	1 Beob.	
1081	8.0	2 30.16	3.0040	−0.0029	−3 24 38.3	−10.216	−0.372	8.86	3.2216		
1082	4.8	3 3.89	3.0191	−0.0031	−2 39 49.7	−10.258	−0.374	6.32	2.2450		−0.02 +0.5
1083	8.0	3 40.95	3.0700	−0.0038	−0 7 40.1	−10.304	−0.380	3.67	0.1922	+0.06 −0.3	
1084	7.5	3 47.29	2.9877	−0.0027	−4 13 55.7	−10.312	−0.369	10.81	4.2235		−0.06 +0.5
1085	8.0	4 20.71	2.9959	−0.0028	−3 49 44.1	−10.354	−0.370	5.17	3.2228		
1086	7.5	4 42.92	2.9438	−0.0022	−6 25 16.0	−10.382	−0.363	11.04, 11.31	6.2489		
1087	6.3	5 35.15	2.9441	−0.0022	−6 25 24.9	−10.447	−0.362	10.86	6.2494		+0.01 −0.1
1088	8.0	5 38.28	3.0478	−0.0035	−1 14 25.0	−10.451	−0.375	4.98, 5.27	1.1976	+0.02 +2.2	−0.01 −0.5
1089	8.0	5 52.16	2.9351	−0.0021	−6 52 23.4	−10.468	−0.361	12.22, 12.33	6.2498		
1090	7.5	6 8.94	2.9590	−0.0024	−5 41 27.4	−10.489	−0.363	10.65, 10.95	5.2395	oft sehr schwach	
1091	5.5	6 11.88	2.9237	−0.0020	−7 26 42.4	−10.492	−0.359	12.10	7.2378		−0.03 −0.2
1092	8.0	6 43.24	2.9577	−0.0024	−5 45 56.5	−10.531	−0.363	11.70	5.2499		
1093	7.5	7 40.14	3.0560	−0.0037	−0 50 8.1	−10.609	−0.374	3.62	0.1938	+0.09 +1.0	+0.04 −0.1
1094	7.1	8 10.24	2.9482	−0.0023	−6 15 47.8	−10.639	−0.360	9.96	6.2517		−0.06 +0.4
1095	7.3	8 53.95	3.0034	−0.0030	−3 29 47.6	−10.693	−0.366	4.64	3.2268		+0.02 +0.2
1096	7.0	10 55.82	3.0158	−0.0032	−2 53 20.3	−10.843	−0.365	4.63	2.2504		+0.08 +0.3
1097	7.4	11 30.68	3.0727	−0.0026	−5 4 49.5	−10.886	−0.359	10.58	4.2284		+0.08 +0.3
1098	6.3	11 38.46	3.0132	−0.0032	−3 1 27.4	−10.895	−0.364	5.83	2.2509		−0.01 +0.2
1099	7.5	11 48.99	2.9738	−0.0026	−5 1 50.1	−10.908	−0.359	10.81	4.2288		
1100	7.3	11 57.45	3.0183	−0.0032	−2 46 1.5	−10.918	−0.364	6.81	2.2512		

[1] E.B.S. +0″.0024, −0″.067

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K − Nic.	K − Radel.
1101	7·7	$8^h\,12^m\ 0^s.55$	$3^s.0013$	$-0^s.0030$	$-3°\,38'\,10''.1$	$-16''.922$	$-0''.362$	6.79	3.2288		[1]
1102	7.8	12 18.08	3.0440	−0.0036	−1 27 23.1	−10.944	−0.367	5.06	1.2005	+0.10 +0.3	+0.01 +0.4[2]
1103	7.0	13 2.71	2.9307	−0.0021	−7 13 46.7	−10.998	−0.353	11.44, 11.42	7.2423		+0.01 −0.1
1104	7.1	13 48.68	2.9695	−0.0026	−5 16 36.2	−11.054	−0.357	12.22	5.2489		+0.01 +1.3
1105	7.2	13 52.17	2.9314	−0.0021	−7 12 52.7	−11.058	−0.352	12.64	7.2433		+0.06 −0.9
1106	8.0	14 11.94	2.9987	−0.0030	−3 47 36.3	−11.082	−0.360	5.14	3.2301		
1107	7.2	14 36.24	3.0616	−0.0039	−0 33 38.8	−11.112	−0.367	3.86	0.1966	+0.05 +0.5	−0.05 +0.3[3]
1108	6.5	14 49.81	2.9756	−0.0027	−4 58 56.7	−11.129	−0.356	9.37, 9.52	4.2303		0.00 −0.6
1109	7.2	15 5.22	2.9502	−0.0024	−6 16 50.0	−11.147	−0.353	11.30, 11.44	6.2560		
1110	8.0	15 10.13	2.9527	−0.0024	−6 9 21.3	−11.153	−0.353	12.65, 12.72	6.2561		
1111	7.8	15 24.74	2.9848	−0.0028	−4 31 8.4	−11.171	−0.357	12.41	4.2309		
1112	7.0	15 45.33	3.0483	−0.0037	−1 15 10.3	−11.196	−0.364	3.46, 3.59	1.2017	+0.04 −0.3	−0.06 −1.2
1113	7.0	15 54.37	2.9225	−0.0020	−7 42 34.8	−11.207	−0.348	11.13	7.2444		+0.08 −0.5
1114	8.0	16 11.59	2.9109	−0.0020	−7 50 34.9	−11.227	−0.347	12.66	7.2446		
1115	6.3	17 5.22	2.9598	−0.0025	−5 49 41.7	−11.292	−0.352	11.67, 11.62	5.1512		0.00 −0.1
1116	7.8	17 11.12	3.0626	−0.0040	−0 30 57.1	−11.299	−0.364	5.73	0.1977	+0.02 +0.5	
1117	8.0	17 23.16	3.0223	−0.0034	−2 36 21.7	−11.315	−0.359	4.86, 4.91	2.2547		
1118	7.8	17 24.93	2.9498	−0.0024	−6 20 34.1	−11.316	−0.350	12.63, 12.67	6.2571		
1119	8.0	17 27.32	2.9975	−0.0030	−3 53 26.6	−11.319	−0.356	6.17, 6.26	3.2324	schwach	
1120	6.5	17 31.69	2.9333	−0.0022	−7 11 29.3	−11.324	−0.348	10.50	7.2452		+0.06 −0.9
1121	7.0	18 21.03	3.0506	−0.0038	−1 8 35.8	−11.383	−0.361	11.30	1.2028	+0.01 +3.9	0.00 +1.3
1122	7.8	18 45.26	2.9701	−0.0026	−5 19 27.7	−11.412	−0.351	11.84	5.2519		
1123	7.5	18 56.63	3.0574	−0.0039	−0 47 14.3	−11.426	−0.361	8.99	0.1987	−0.01 +1.3	[4]
1124	6.0	19 5.95	3.0074	−0.0032	−3 23 41.8	−11.437	−0.355	11.56, 11.70	3.2333		−0.03 +0.5[5]
1125	6.5	19 7.73	2.9888	−0.0029	−4 21 35.7	−11.439	−0.353	13.15	4.2328		+0.06 −1.2
1126	8.0	19 51.55	2.9416	−0.0023	−6 48 47.2	−11.492	−0.347	11.83	6.2586		
1127	**3.6**	**20 9.84**	**3.0046**	**−0.0032**	**−3 32 52.3**	**−11.514**	**−0.354**			**Br. 1197 F.St.**	
1128	7.5	20 18.89	2.9995	−0.0031	−3 49 10.4	−11.524	−0.353	13.08	3.2341		
1129	6.2	20 57.42	3.0033	−0.0032	−3 37 34.6	−11.570	−0.353	13.08	3.2345		−0.08 −0.8
1130	8.0	21 16.17	3.0562	−0.0040	−0 51 18.9	−11.593	−0.359	11.55, 11.69	0.1993	−0.03 +1.3	
1131	7.8	21 29.31	2.9610	−0.0026	−5 50 32.7	−11.608	−0.347	11.50, 11.46	5.2529		
1132	7.0	21 52.45	2.9572	−0.0025	−6 2 50.7	−11.636	−0.346	12.51	5.2530		−0.02 −0.8
1133	7.5	22 8.25	2.9815	−0.0028	−4 47 3.1	−11.655	−0.349	13.04	4.2347		
1134	7.0	22 11.36	2.9955	−0.0030	−4 3 5.3	−11.658	−0.350	8.83	3.2356		+0.02 +0.3
1135	7.5	22 22.61	2.9418	−0.0023	−6 51 29.1	−11.672	−0.344	12.99	6.2599		
1136	7.0	22 56.04	3.0317	−0.0036	−2 9 10.8	−11.711	−0.354	3.66	2.2581	+0.02 −0.6	+0.11 +0.3[6]
1137	8.0[7]	23 0.50	2.9229	−0.0020	−7 51 9.9	−11.717	−0.341	11.16	7.2495		
1138	8.3	23 6.68	2.9397	−0.0023	−6 38 49.1	−11.724	−0.343	12.27	6.2606	1 Beob.	
1139	8.0	23 27.07	2.9360	−0.0022	−7 10 46.6	−11.748	−0.342	11.71, 11.84	7.2499		
1140	7.7	23 39.55	2.9681	−0.0027	−5 30 38.9	−11.763	−0.345	12.16	5.2544		
1141	7.2	23 54.16	3.0613	−0.0041	−0 35 37.7	−11.780	−0.356	4.34, 4.26	0.2000	0.00 +1.9	0.00 −0.4[7]
1142	7.8	24 45.59	3.0346	−0.0037	−2 0 45.1	−11.841	−0.352	3.48, 3.61	1.2058	+0.06 +1.1	
1143	7.4	25 0.60	2.9464	−0.0023	−6 40 18.3	−11.858	−0.341	11.13, 11.26	6.2617		0.00 0.0
1144	7.8	25 11.26	2.9443	−0.0023	−6 47 20.5	−11.871	−0.341	11.90	6.2620		
1145	7.5	26 50.52	2.9837	−0.0029	−4 44 10.2	−11.987	−0.343	10.79, 10.82	4.2377		+0.07 +0.5
1146	7.5	27 6.70	3.0200	−0.0035	−2 48 22.4	−12.006	−0.348	3.63	2.2608		
1147	7.7	27 8.94	2.9689	−0.0027	−5 31 35.9	−12.009	−0.342	11.78	5.2566		
1148	7.0	27 43.12	2.9819	−0.0029	−4 50 53.4	−12.049	−0.343	11.86, 11.62	4.2379		+0.07 −0.1
1149	8.0	27 49.54	2.9800	−0.0028	−4 57 9.1	−12.056	−0.342	12.52, 12.48	4.2380		+0.12 −0.9
1150	7.9	27 59.33	3.0240	−0.0035	−2 36 6.7	−12.067	−0.347	4.16	2.2613		

[1] E.B. in δ nach Beobachtung am Repsoldschen Kreis der Heidelberger Sternwarte 1902 −0''.29

[2] E.B.C. −0''.0042, −0''.247
N. −0.0060, −0.237

[3] E.B.N. −0''.0028, −0''.073

[4] E.B.C. +0''.0074, −0''.190
N. +0.0075, −0.206
B. +0.0097, −0.199

[5] E.B.C. −0''.0150, −0''.021
E.B. in α?

[6] 12 Beob.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radcl.
1151	8.0	$8^h 28^m 7^s.84$	2.9442	−0.0023	−6° 51′ 30″.1	−12.077	−0.338	12.71, 12.75	6.2636		
1152	6.5	28 27.83	3.0305	−0.0038	−1 46 36.0	−12.101	−0.348	3.32	1.2074	+0.04 +0.2	+0.05 −0.1
1153	7.7	28 56.23	3.0660	−0.0042	−0 21 0.2	−12.134	−0.351	0.33	0.2024	−0.02 +0.4	+0.06 −0.6[1]
1154	8.0	29 4.89	3.0284	−0.0036	−2 22 38.1	−12.144	−0.346	5.14	2.2618		
1155	**6.1**	**30 6.10**	**2.9310**	**−0.0021**	**−7 36 13.8**	**−12.215**	**−0.334**			**Br. 1212 F.St.**	
1156	6.2	31 58.67	2.9887	−0.0030	−4 33 4.7	−12.344	−0.338	12.16	4.2401	+0.03 −0.1	
1157	9.0	32 25.65	2.9538	−0.0024	−6 26	−12.375	−0.333	13.12	6.2693	nur in α 3 mal beob.	
1158	7.5	32 27.65	2.9541	−0.0024	−6 25 27.6	−12.378	−0.333	12.47, 12.67	6.2694	−0.05	+0.6[2]
1159	8.0	32 38.16	3.0453	−0.0039	−1 29 6.3	−12.389	−0.344	3.52	1.2092	+0.05 +1.5	
1160	6.7	32 55.29	2.9570	−0.0025	−6 16 38.5	−12.409	−0.333	10.67	6.2669	+0.02 −0.4	
1161	7.5	33 31.75	2.9538	−0.0024	−6 27 43.0	−12.451	−0.332	11.13	6.2671		
1162	8.0	33 55.50	2.9907	−0.0030	−4 28 23.8	−12.478	−0.336	11.53, 11.50	4.2410		
1163	8.6	35 37.12	2.9549	−0.0024	−6 27 20.3	−12.504	−0.330	12.97	6.2686	1 Beob. vielleicht 40°.12	
1164	7.8	35 49.27	2.9922	−0.0030	−4 25 1.0	−12.508	−0.334	10.81	4.2421		
1165	7.5	36 36.99	3.0244	−0.0036	−2 39 25.5	−12.662	−0.337	3.54	2.2659	+0.04 +0.4	
1166	7.2	37 7.27	2.9999	−0.0032	−4 0 57.0	−12.696	−0.333	4.32, 4.17	3.2445		
1167	7.0	37 9.26	2.9252	−0.0020	−8 6 18.3	−12.698	−0.325	11.12	7.2587	+0.02 −0.8	
1168	4.5	38 16.26	2.9489	−0.0023	−6 30 16.4	−12.774	−0.326	11.80	6.2708	+0.04 −0.6	
1169	8.0	38 31.91	2.9624	−0.0026	−6 6 27.9	−12.791	−0.327	11.46, 11.43	5.2619	−0.03 −0.5	
1170	7.8	38 34.05	3.0040	−0.0033	−3 48 20.2	−12.793	−0.332	5.14	3.2454	+0.01 +0.2	
1171	7.6	39 29.08	2.9310	−0.0020	−7 51 19.4	−12.855	−0.322	12.30	7.2597		[3]
1172	6.9	39 47.29	3.0331	−0.0038	−2 12 6.1	−12.870	−0.334	7.13	2.2676	−0.15 +1.3	−0.01 −0.4[4]
1173	7.2	39 52.65	2.9544	−0.0024	−6 34 45.2	−12.882	−0.325	11.78	6.2714		
1174	7.0	40 27.74	3.0431	−0.0039	−1 38 59.2	−12.921	−0.334	3.56	1.2125	+0.02 +0.7	+0.04 −0.1[5]
1175	8.3	40 34.33	2.9626	−0.0025	−6 8 21.0	−12.928	−0.325	11.10	6.2719	1 Beob.	
1176	8.0	40 43.04	2.9438	−0.0022	−7 11 1.9	−12.938	−0.322	13.23	7.2607		
1177	8.0	40 56.00	2.9651	−0.0026	−6 0 34.6	−12.952	−0.324	11.67	5.2625		
1178	**5.3**	**41 40.47**	**3.0460**	**−0.0040**	**−1 29 39.5**	**−13.002**	**−0.333**			**P. VIII 167 F.St.**	
1179	6.8	42 39.04	2.9632	−0.0025	−6 9 11.6	−13.067	−0.322	5.14	6.2727	+0.08 +0.4	
1180	7.8	42 52.36	2.9379	−0.0021	−7 34 2.4	−13.081	−0.319	10.50	7.2617	+0.08 −0.9	
1181	7.3	43 1.44	3.0612	−0.0043	−0 38 21.1	−13.091	−0.332	11.45, 11.14	0.2069	+0.02 +1.5	0.00 −0.4
1182	7.5	43 35.12	2.9871	−0.0029	−4 49 57.6	−13.129	−0.324	12.19	4.2461	+0.05 +0.2	
1183	5.7	43 50.06	3.0190	−0.0035	−3 2 7.2	−13.145	−0.327	5.15	2.2699	+0.05 −0.6	
1184	7.2	44 15.53	2.9793	−0.0028	−5 17 10.6	−13.173	−0.322	12.01, 12.17	5.2642		
1185	7.0	44 53.77	3.0060	−0.0033	−3 47 2.6	−13.215	−0.324	4.35, 4.17	3.2486	+0.07 +1.6[6]	
1186	7.1	45 7.20	2.9972	−0.0031	−4 17 26.6	−13.230	−0.323	12.70	4.2469	+0.04 +0.5	
1187	8.0	45 43.66	2.9702	−0.0026	−5 49 40.0	−13.270	−0.319	11.13	5.2647		
1188	8.5	45 47.71	2.9785	−0.0028	−5 21 47.3	−13.274	−0.320	12.25	5.2648	1 Beob.	
1189	**6.0**	**46 10.07**	**2.9537**	**−0.0023**	**−6 45 55.7**	**−13.298**	**−0.317**			**15 Hydrae F.St.**	
1190	7.8	47 58.26	2.9717	−0.0026	−5 47 48.8	−13.416	−0.316	11.79	5.2656		
1191	6.0	48 52.79	2.9856	−0.0029	−5 1 6.0	−13.475	−0.317	10.82	4.2490	−0.05 +0.4[7]	
1192	6.6	49 26.68	3.0184	−0.0035	−3 8 16.6	−13.512	−0.319	4.66	3.2506	+0.09 −0.5[8]	
1193	7.8	49 31.02	2.9443	−0.0021	−7 24 0.3	−13.516	−0.311	11.13	7.2658		
1194	6.9	49 50.07	3.0255	−0.0036	−2 43 39.2	−13.537	−0.320	6.54	2.2735	−0.01 −0.4	
1195	6.3	50 6.11	2.9419	−0.0021	−7 33 1.5	−13.554	−0.310	11.80, 11.94	7.2661	+0.06 +0.5	
1196	7.0	50 7.45	3.0317	−0.0037	−2 22 19.0	−13.556	−0.320	11.40	2.2737	+0.07 +1.0	
1197	8.0	51 54.79	3.0685	−0.0045	−0 14 0.7	−13.670	−0.321	3.48, 3.61	0.2097	+0.04 +2.0	+0.10 +0.9
1198	8.0	52 6.96	2.9528	−0.0022	−6 59 14.2	−13.684	−0.309	11.13	6.2774		
1199	6.8	52 20.15	2.9969	−0.0031	−4 26 2.8	−13.707	−0.313	10.49	4.2503		+0.08 −0.9
1200	8.0	53 28.16	3.0692	−0.0045	−0 11 51.3	−13.770	−0.319	3.82	0.2103	+0.07 −0.8	

[1] E.B.C. −0″.150, +0″.030 N. −0″.015.
[2] E.B.C. −0″.180, +0″.077
[3] E.B.C. +0″.010, −0″.10
[4] E.B. in α und δ? dpl.
[5] E.B.N. +0″.0040, +0″.08
[6] E.B.C. +0″.003, −0″.115
[7] E.B.C. −0″.028, +0″.04
[8] dpl. m.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radcl.
1201	8.0	$8^h\,54^m\,23^s.85$	3°.0367	−0°.0038	−2° 7′ 11″.9	−13″.829	−0″.315	5.14	1.2174	+0°.02 +0″.2	
1202	8.0	55 24.01	3.0037	−0.0031	−4 5 0.1	−13.892	−0.310	4.68	3.2532		
1203	7.8	55 42.01	3.0367	−0.0038	−2 7 46.8	−13.911	−0.313	8.84	1.2181	−0.05 −0.9	+0°.08 +0″.9[1]
1204	7.7	55 50.90	3.0232	−0.0035	−2 56 13.9	−13.920	−0.311	10.04	2.2766		
1205	7.9	55 59.30	2.9460	−0.0020	−7 29 37.9	−13.929	−0.303	10.49, 10.36	7.2696		
1206	8.0	56 1.13	3.0700	−0.0045	−0 9 0.9	−13.931	−0.316	13.23	0.2110	+0.01 +0.4	
1207	6.8	56 1.39	3.0049	−0.0032	−4 1 32.1	−13.931	−0.309	12.36	3.2535		−0.02 +0.1
1208	7.7	56 2.41	3.0550	−0.0042	−1 2 42.3	−13.933	−0.314	7.68	0.2111	+0.04 −0.4	+0.04 −0.2
1209	7.9	56 20.75	3.0609	−0.0043	−0 41 32.8	−13.952	−0.315	4.32	0.2112	+0.09 −0.2	
1210	7.3	56 34.43	2.9387	−0.0010	−7 56 26.4	−13.966	−0.301	11.12	7.2701		+0.04 −0.5
1211	7.8	56 50.25	3.0402	−0.0039	−1 55 57.5	−13.983	−0.312	4.95	1.2188	−0.05 +0.3	
1212	8.0	57 50.77	3.0057	−0.0032	−4 0 26.7	−14.046	−0.307	6.15	3.2545		+0.08 +0.2
1213	8.3	58 9.44	3.0060	−0.0032	−3 59 37.9	−14.065	−0.306	6.59, 5.17	3.2547		+0.04 +0.2
1214	6.8	58 14.48	2.9936	−0.0029	−4 44 11.0	−14.070	−0.305	10.18	4.2530		+0.05 +0.4
1215	7.3	59 33.89	3.0172	−0.0034	−3 20 35.9	−14.153	−0.306	3.81	3.2563		0.00 −0.1
1216	7.7	9 0 55.77	3.0370	−0.0038	−2 9 38.9	−14.237	−0.306	3.63	2.2791	+0.01 +2.4	
1217	8.4	1 45.58	2.9516	−0.0020	−7 20 54.6	−14.288	−0.296	11.12, 11.10	7.2721	2 Beob. in a, 1 in δ	
1218	7.0	2 27.53	3.0393	−0.0039	−2 1 55.6	−14.331	−0.304	3.26	1.2207	+0.03 +2.1	+0.05 +0.5
1219	7.9	2 33.89	2.9518	−0.0020	−7 21 43.1	−14.337	−0.295	11.13	7.2726		
1220	8.0	3 17.			−4 40				4.2549		
1221	8.0	3 33.20	3.0540	−0.0042	−1 8 30.2	−14.398	−0.304	3.62	1.2209	−0.01 −0.9	
1222	7.5	4 53.39	2.9801	−0.0025	−5 42 44.0	−14.479	−0.294	9.79	5.2738		+0.02 +1.1
1223	7.7	4 59.87	3.0244	−0.0035	−2 58 42.5	−14.485	−0.299	3.63	2.2805		
1224	8.0	6 25.10	2.9674	−0.0022	−6 31 45.7	−14.571	−0.291	10.86	6.2839		
1225	7.4	6 30.65	3.0066	−0.0031	−4 6 18.5	−14.577	−0.295	4.01	3.2604		+0.10 −1.0
1226	7.7	6 59.08	2.9685	−0.0022	−6 28 44.8	−14.605	−0.290	11.28	6.2844		
1227	6.3	7 0.14	2.9656	−0.0022	−6 39 32.8	−14.606	−0.290	11.83, 11.97	6.2845		+0.03 −0.2
1228	7.8	7 3.78	2.9950	−0.0028	−4 50 29.8	−14.610	−0.293	12.49	4.2565		
1229	7.5	7 8.08	3.0313	−0.0036	−2 34 50.2	−14.614	−0.296	15.18, 15.17	2.2814		+0.18 −0.2
1230	8.0	9 3.04	2.9925	−0.0027	−5 2 31.7	−14.728	−0.290	10.96	4.2573	schwach	
1231	8.0	9 13.69	3.0078	−0.0030	−4 5 4.9	−14.739	−0.291	11.07, 10.83	3.2623		
1232	7.1	9 16.26	3.0546	−0.0041	−1 7 53.3	−14.741	−0.296	10.90	0.2158	−0.06 +2.3	−0.06 −0.4
1233	7.0	9 58.45	2.9452	−0.0017	−8 1 33.7	−14.783	−0.283	11.12	7.2766		+0.11 −0.5
1234	7.5	10 46.61	2.9477	−0.0017	−7 53 33.5	−14.825	−0.283	11.80	7.2772		
1235	8.0	10 47.77	3.0084	−0.0030	−4 4 30.4	−14.832	−0.289	4.67	3.2635		
1236	8.0	10 55.97	3.0105	−0.0031	−3 56 42.8	−14.840	−0.289	6.14	3.2636		+0.02 +1.5[2]
1237	5.8	11 13.97	2.9798	−0.0024	−5 53 40.4	−14.857	−0.285	11.11	5.2762		+0.05 −0.4
1238	7.3	13 33.47	3.0416	−0.0038	−1 59 40.2	−14.993	−0.288	3.00	1.2240	+0.01 +0.2	+0.01 +1.0
1239	8.0	14 19.93	2.9870	−0.0025	−5 31 39.4	−15.038	−0.282	9.15	5.2774		
1240	7.7	15 19.86	2.9604	−0.0018	−7 15 49.4	−15.096	−0.278	11.95	7.2785		+0.03 −0.6
1241	7.2	16 11.13	3.0370	−0.0036	−2 19 30.9	−15.145	−0.284	3.33	2.2859		+0.06 +0.3
1242	7.5	16 54.94	2.9870	−0.0024	−5 35 31.4	−15.187	−0.278	10.48, 10.24	5.2782		+0.03 −0.2
1243	8.0	16 55.38	3.0633	−0.0043	−0 36 23.6	−15.187	−0.285	13.18	0.2184		−0.01 +0.2[3]
1244	7.5	17 20.61	3.0029	−0.0028	−4 34 12.2	−15.211	−0.279	10.65, 10.86	4.2602		+0.12 +1.0
1245	7.8	18 25.35	2.9984	−0.0026	−4 53 24.5	−15.272	−0.277	12.22	4.2608		
1246	7.5	18 31.31	2.9968	−0.0026	−4 59 42.9	−15.278	−0.276	12.03	4.2609		−0.05 +0.1
1247	8.0	19 2.79	2.9755	−0.0021	−6 24 48.3	−15.308	−0.274	12.74	6.2899		
1248	7.0	19 21.94	3.0151	−0.0030	−3 48 31.0	−15.326	−0.277	4.64	3.2672		+0.03 −0.8
1249	8.0	19 41.88	3.0671	−0.0044	−0 21 47.8	−15.344	−0.281	13.19	0.2190	−0.05 +3.0	
1250	5.5	19 54.04	3.0027	−0.0027	−4 38 36.5	−15.356	−0.275	9.50	4.2616		+0.10 −1.3

[1] E.B.C. −0°.0122, −0°.025 N. −0.07

[2] E.B. in a und δ?

[3] schwach

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
1251	7.8	$9^h\,19^m59^s.29$	2.9833	−0.0022	−5° 55′ 48.6	−15.361	−0.273	12.75	5.2794		
1252	6.6	20 27.51	3.0612	−0.0042	−0 45 36.0	−15.387	−0.280	3.64	0.2193	+0.04 +0.9	+0.05 −0.8
1253	6.2	20 46.25	3.0578	−0.0041	−0 59 18.7	−15.405	−0.279	5.03, 4.29	0.2195	0.00 +1.0	+0.12 −0.2
1254	7.5	22 0.16	3.0232	−0.0032	−3 19 15.5	−15.473	−0.274	4.78	3.2685		
1255	6.0	22 19.77	2.9894	−0.0023	−5 35 28.0	−15.492	−0.270	13.02	5.2802		+0.10 −1.2[1]
1256	7.2	22 47.23	2.9649	−0.0017	−7 14 31.0	−15.517	−0.267	13.03	7.2813		+0.03 −0.5
1257	8.0	22 54.97	2.9595	−0.0016	−7 36 34.4	−15.524	−0.266	12.89	7.2814		
1258	6.7	23 26.41	3.0611	−0.0042	−0 46 37.6	−15.553	−0.275	3.63	0.2201	+0.01 −0.3	+0.07 −0.4
1259	8.0	23 30.88	2.9542	−0.0014	−7 59 18.5	−15.557	−0.265	12.93, 12.99	7.2819		
1260	5.0	23 33.85	3.0388	−0.0035	−2 17 18.7	−15.560	−0.273	4.64, 4.69	2.2901	−0.03 −0.2	−0.03 −0.1
1261	8.3	23 34.05	3.0391	−0.0035	−2 16 14.2	−15.560	−0.273	7.89, 9.22	2.2902	+0.06 −0.9	[2]
1262	7.3	23 45.01	3.0330	−0.0034	−2 41 7.9	−15.570	−0.272	10.57	2.2904		
1263	6.7	23 49.91	3.0472	−0.0038	−1 43 29.1	−15.575	−0.273	7.73	1.2208	+0.01 +1.5	−0.01 −0.4
1264	6.5	24 0.97	3.0172	−0.0030	−3 45 51.1	−15.585	−0.270	13.03	3.2693		−0.01 −0.6
1265	7.8	24 2.97	3.0337	−0.0034	−2 38 29.4	−15.587	−0.272	11.88	2.2906		
1266	7.3	25 9.41	3.0202	−0.0030	−3 34 57.0	−15.648	−0.289	4.79	3.2698		0.00 +1.4
1267	7.0	25 25.64	2.9969	−0.0024	−5 10 45.6	−15.660	−0.266	11.50, 11.62	5.2820		+0.02 +0.4
1268	7.2	25 45.87	3.0312	−0.0033	−2 50 18.2	−15.681	−0.269	12.92	2.2916		
1269	7.5	26 14.06	3.0304	−0.0033	−2 54 1.8	−15.706	−0.268	12.92	2.2917		
1270	7.8	26 21.38	2.9704	−0.0017	−7 0 41.4	−15.713	−0.262	12.77	6.2933		
1271	**5.0**	**26 22.44**	**3.0624**	**−0.0042**	**−0 41 59.6**	**−15.714**	**−0.272**			[3] **Hydrae F.St.**	
1272	7.8	26 38.82	3.0286	−0.0032	−3 1 46.3	−15.729	−0.267	11.41	2.2919		
1273	7.0	27 37.21	2.9564	−0.0013	−8 1 4.4	−15.781	−0.259	12.32	7.2836		+0.11 −0.8
1274	6.8	27 53.15	2.9757	−0.0018	−6 42 8.6	−15.796	−0.261	12.55, 12.73	6.2939		−0.03 −0.3
1275	7.0	28 59.80	3.0296	−0.0032	−2 59 58.9	−15.855	−0.264	4.32	2.2925		+0.03 −0.4
1276	6.7	29 3.34	2.9948	−0.0022	−5 25 26.9	−15.859	−0.261	10.49, 10.74	5.2840		+0.08 +0.2
1277	7.5	29 31.67	3.0098	−0.0026	−4 23 56.5	−15.884	−0.261	12.06	4.2666		
1278	7.7	29 37.02	3.0029	−0.0024	−4 52 39.6	−15.889	−0.260	12.91	4.2667		0.00 +0.4
1279	8.0	30 12.25	2.9569	−0.0012	−8 5 52.3	−15.920	−0.255	12.64	7.2843		+0.02 −0.1
1280	7.5	30 53.53	3.0402	−0.0035	−2 17 9.1	−15.957	−0.212	4.18	2.2934	0.00 +0.6	
1281	8.2	31 18.51	2.9572	−0.0012	−8 7 19.9	−15.978	−0.253	12.27	7.2846	2 Beob.	
1282	6.0	32 12.39	3.0350	−0.0032	−2 40 34.8	−16.020	−0.259	4.30	2.2939		−0.03 −0.8
1283	8.0	32 41.69	3.0071	−0.0024	−4 40 17.9	−16.052	−0.256	10.17	4.2681		
1284	7.5	32 49.80	3.0255	−0.0030	−3 21 36.6	−16.059	−0.257	5.33	3.2733		
1285	7.8	33 25.42	3.0235	−0.0029	−3 31 1.8	−16.090	−0.256	8.51, 8.18	3.2736		
1286	7.3	33 29.88	3.0309	−0.0034	−2 20 35.0	−16.094	−0.258	6.93, 7.37	2.2946		+0.08 +1.2
1287	8.1	33 35.54	3.0184	−0.0037	−3 52 52.1	−16.098	−0.256	4.22	3.2737	3 Beob.	
1288	4.0	34 14.25	3.0636	−0.0040	−0 38 36.8	−16.132	−0.259	2.98	0.2231	−0.10 +0.4	−0.03 +0.1[3]
1289	7.8	35 13.48	2.9841	−0.0017	−6 23 23.3	−16.183	−0.250	9.57	6.2974		−0.01 +0.8
1290	8.0	36 4.20	3.0206	−0.0027	−3 46 45.7	−16.227	−0.252	3.85	3.2744		+0.06 +0.4
1291	7.9	37 44.40	2.9890	−0.0018	−6 7 42.2	−16.312	−0.247	8.62	5.2876		
1292	7.5	38 59.13	3.0165	−0.0025	−4 9 10.4	−16.375	−0.247	3.31	3.2759		+0.03 +1.0
1293	8.0	39 24.92	2.9889	−0.0017	−6 11 53.8	−16.397	−0.244	10.85	6.2989		
1294	7.5	39 50.26	2.9651	−0.0010	−7 58 33.0	−16.426	−0.241	11.01, 11.19	7.2882		+0.02 0.0
1295	8.0	40 12.44	3.0537	−0.0036	−1 24 17.2	−16.437	−0.248	13.21	1.2299	−0.01 −0.5	−0.03 +0.2
1296	8.3	40 24.36	3.0378	−0.0031	−2 36 3.4	−16.447	−0.246	5.20	2.2970	3 Beob.	
1297	7.5	41 0.57	3.0366	−0.0030	−2 42 19.9	−16.484	−0.245	3.64	2.2977		+0.03 −0.6
1298	8.0	41 22.10	3.0222	−0.0026	−3 47 19.0	−16.495	−0.244	4.31	3.2771		
1299	7.2	42 36.65	3.0013	−0.0019	−5 23 36.5	−16.556	−0.240	6.94, 7.23	5.2908		0.00 +0.3
1300	7.2	42 44.77	2.9835	−0.0014	−6 44 6.6	−16.563	−0.238	9.74, 9.86	6.3003		

[1] E.B.C −0.0159, −0.053 [2] E.B.N. +0.0079, −0.004. 3 Beob. in α, 2 in δ [3] E.B.N. +0.0015, −0.063

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nsc.	K – Radel.
1301	8.0	$9^h 44^m 47^s.72$	3.0607	−0.0037	−0° 54′ 32″.3	−16″.663	−0″.241	3.66	0.2256	+0.01 +2.2	
1302	6.5	45 12.98	2.9832	−0.0012	−6 52 2.5	−16.684	−0.234	12.25	6.3013		−0.02 −0.6
1303	**6.1**	**45 41.44**	**3.0243**	**−0.0025**	**−3 43 40.7**	**−16.707**	**−0.237**			**6 Sextantis F.St.**	
1304	7.5	45 43.11	3.0552	−0.0035	−1 20 26.2	−16.708	−0.230	8.21	1.2314	−0.03 −0.5	−0.06 −0.2[1]
1305	6.8	45 52.75	2.9902	−0.0017	−5 40 7.9	−16.716	−0.234	12.56	5.2923		−0.01 0.0
1306	6.0	47 3.69	2.9749	−0.0009	−7 35 14.2	−16.773	−0.230	12.33	7.2909		0.00 −0.3
1307	7.3	48 9.63	3.0300	−0.0026	−3 20 38.7	−16.825	−0.233	3.08, 3.01	3.2802		−0.02 +0.1
1308	7.3	50 5.30	3.0166	−0.0021	−4 27 16.7	−16.917	−0.229	6.27	4.2757		+0.01 +0.1
1309	6.8	50 40.10	2.9832	−0.0010	−7 7 25.9	−16.944	−0.225	10.36	6.3033		+0.10 −0.8
1310	7.3	52 8.03	3.0550	−0.0033	−1 25 6.0	−17.002	−0.229	3.29	1.2329	−0.01 +1.0	+0.05 +0.4
1311	7.0	53 27.27	3.0420	−0.0028	−2 29 43.8	−17.073	−0.225	5.08, 4.87	2.3024		−0.04 +0.2
1312	7.5	53 44.01	3.0414	−0.0028	−2 32 54.1	−17.086	−0.225	5.53	2.3028		+0.06 +0.3
1313	7.8	54 5.44	2.9827	−0.0008	−7 19 49.1	−17.102	−0.220	8.25	7.2936		+0.07 +0.2
1314	7.7	54 32.12	3.0179	−0.0019	−4 29 9.8	−17.122	−0.222	8.21	4.2775		
1315	6.8	55 25.15	3.0404	−0.0027	−2 39 40.6	−17.163	−0.222	4.15	2.3032		+0.07 +0.4
1316	7.5	55 58.29	3.0667	−0.0036	−0 29 20.4	−17.187	−0.223	3.00	0.2281	+0.05 −0.1	+0.06 −0.1
1317	6.7	57 12.15	3.0662	−0.0036	−0 32 4.4	−17.243	−0.221	3.64	0.2285	+0.07 +0.9	+0.10 +1.5[2]
1318	7.3	57 25.31	3.0119	−0.0016	−5 5 13.4	−17.252	−0.216	6.27	4.2784		+0.09 −0.4
1319	7.8	58 4.80	3.0376	−0.0025	−2 56 56.4	−17.282	−0.217	12.43, 12.46	2.3045		
1320	7.5	58 56.56	2.9936	−0.0009	−6 40 44.4	−17.320	−0.212	8.22	6.3068		+0.13 +0.2[3]
1321	7.0	59 38.51	3.0376	−0.0024	−2 59 1.3	−17.351	−0.215	3.01	2.3052		−0.02 +1.4
1322	7.4	59 46.92	3.0393	−0.0025	−2 50 29.4	−17.357	−0.214	3.66	2.3053		
1323	7.6	10 1 24.80	3.0408	−0.0025	−2 44 52.5	−17.428	−0.212	4.16	2.3067		
1324	7.5	1 55.27	2.9894	−0.0005	−7 11 18.5	−17.450	−0.207	6.30	7.2961		+0.02 +0.3
1325	7.6	2 6.24	3.0045	−0.0011	−5 54 20.3	−17.458	−0.208	6.24	5.2991		
1326	6.8	2 17.12	2.9908	−0.0005	−7 5 35.6	−17.465	−0.207	11.22, 11.20	6.3078		
1327	7.5	2 57.37	3.0390	−0.0023	−2 56 23.3	−17.494	−0.209	3.66	2.3069		+0.07 +0.4
1328	7.9	3 46.35	3.0507	−0.0031	−1 7 43.3	−17.529	−0.209	2.69	0.2301	0.00 +0.6	
1329	6.2	4 39.58	2.9834	−0.0001	−7 52 4.5	−17.569	−0.202	8.25, 8.44	7.2972		+0.05 −0.7
1330	8.0	4 52.91	3.0170	−0.0014	−4 55 46.6	−17.576	−0.204	6.24	4.2809		
1331	8.0	5 22.05	3.0301	−0.0019	−3 46 55.0	−17.596	−0.204	3.66	3.2865		
1332	7.8	5 25.97	3.0516	−0.0027	−1 52 25.4	−17.599	−0.206	3.67	1.2356	+0.04 +0.3	+0.04 +0.1
1333	6.0	5 27.65	2.9839	−0.0001	−7 52 32.8	−17.600	−0.201	9.22, 8.42	7.2977		+0.07 +0.2
1334	8.0	5 41.22	2.9996	−0.0007	−6 30 8.0	−17.610	−0.202	11.24, 11.15	6.3062		
1335	7.2	5 48.14	2.9966	−0.0006	−6 46 28.9	−17.615	−0.201	12.23	6.3096		+0.08 −0.3
1336	7.8	6 30.70	3.0095	−0.0010	−5 39 40.4	−17.644	−0.201	12.97, 12.92	5.3011		+0.04 −0.2
1337	8.0	7 21.07	2.9914	−0.0003	−7 19 37.1	−17.679	−0.198	11.09, 10.91	7.2981		
1338	8.0	7 51.91	3.0015	−0.0006	−6 27 6.6	−17.700	−0.198	12.13, 12.05	6.3105		
1339	7.0	7 59.52	3.0227	−0.0014	−4 32 30.9	−17.705	−0.199	5.93	4.2817		−0.01 −0.1
1340	7.3	8 14.30	3.0213	−0.0014	−4 40 30.0	−17.715	−0.199	9.27	4.2819		−0.02 +0.2
1341	7.3	8 16.06	2.9974	−0.0004	−6 50 24.2	−17.717	−0.197	12.57	6.3109		[4]
1342	7.8	8 21.07	3.0334	−0.0019	−3 34 43.6	−17.720	−0.199	3.01	3.2873		+0.06 +0.2
1343	7.3	8 39.52	2.9909	−0.0002	−7 26 51.2	−17.733	−0.196	10.20	7.2989		
1344	7.8	9 7.75	3.0472	−0.0024	−2 19 47.7	−17.752	−0.199	3.64	2.3067	+0.09 +0.1	
1345	8.0	10 28.88	3.0236	−0.0014	−4 32 56.6	−17.807	−0.195	7.59	4.2827		
1346	7.7	11 12.14	3.0485	−0.0023	−2 14 54.8	−17.836	−0.195	3.86	2.3108	+0.04 +0.5	+0.05 +0.3
1347	**5.8**	**12 9.84**	**2.9925**	**0.0000**	**−7 31 11.1**	**−17.874**	**−0.190**			**22 Sextantis F.St.**	
1348	6.5	14 0.00	3.0250	−0.0012	−4 33 8.8	−17.946	−0.189	6.92	4.2840		+0.05 −0.8
1349	8.0	14 3.50	3.0238	−0.0012	−4 40 28.9	−17.948	−0.189	11.43	4.2841		−0.02 −0.1
1350	8.0	14 33.66	3.0332	−0.0015	−3 47 29.4	−17.968	−0.189	3.31	3.2900		+0.05 −0.6

[1] E.B.C. +0″.0036, −0″.103
N. +0.0087, −0.135
B. +0.0076, −0.139

[2] E.B.C. +0″.0015, −0″.090
N. −0.105

[3] E.B.C. +0″.0095, −0″.203

[4] E.B.C. −0″.0146, +0″.045

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K — Nie.	K — Radcl.
1351	7.7	$10^h\,15^m\,7^s62$	3.0142	−0.0007	−5°38′ 23″4	−17.990	−0.186	8.26	5.3043		+0.08 +0.1
1352	7.0	15 12.21	3.0227	−0.0010	−4 49 44.2	−17.993	−0.187	11.06	4.2846		−0.01 −0.1
1353	7.0	15 34.88	3.0225	−0.0010	−4 51 45.6	−18.007	−0.186	10.41	4.2847		−0.03 +0.2
1354	8.0	16 1.43	3.0387	−0.0016	−3 18 20.4	−18.024	−0.187	4.99	3.2904		
1355	7.3	16 26.06	3.0705	−0.0031	−0 11 49.0	−18.040	−0.188	4.16	0.2328	+0.02 0.0	
1356	7.9	17 46.99	2.9995	+0.0001	−7 13 4.3	−18.091	−0.181	9.94	7.3021		
1357	6.5	17 50.50	3.0691	−0.0030	−0 20 43.0	−18.094	−0.185	10.21	0.2332	−0.03 −0.8	+0.02 −0.4[1]
1358	**6.1**	**17 52.91**	**3.0371**	**−0.0015**	**−3 31 5.8**	**−18.095**	**−0.183**			**25 Sextantis F.St.**	
1359	6.7	17 58.31	3.0415	−0.0017	−3 5 13.5	−18.098	−0.183	13.08	2.3132		+0.01 −0.1
1360	7.8	18 13.17	3.0553	−0.0023	−1 43 11.7	−18.108	−0.184	13.08, 12.91	1.2382	−0.08 +1.9	−0.03 −0.4
1361	7.3	18 33.20	3.0288	−0.0011	−4 22 13.8	−18.120	−0.181	11.74	4.2861		
1362	7.8	18 54.85	3.0021	+0.0001	−7 1 48.6	−18.134	−0.179	10.26, 10.07	6.3140		
1363	7.8	19 8.69	3.0702	−0.0030	−0 13 56.1	−18.143	−0.183	4.48	0.2337	−0.01 +1.8	
1364	6.0	20 14.39	3.0082	−0.0001	−6 30 19.1	−18.146	−0.177	8.94, 8.63	6.3146		0.00 −0.3[2]
1365	7.5	20 26.84	3.0005	+0.0003	−7 18 0.1	−18.191	−0.176	10.76	7.3030		−0.01 +0.1
1366	7.2	20 46.86	3.0149	−0.0003	−5 52 4.0	−18.203	−0.177	9.43, 9.25	5.3062		0.00 −0.1
1367	7.0	21 0.00	3.0683	−0.0028	−0 25 44.1	−18.211	−0.179	3.00	0.2341	+0.07 −0.4	+0.03 −0.4[3]
1368	7.0	21 13.46	3.0351	−0.0013	−3 49 42.7	−18.219	−0.177	3.69	3.2921		+0.08 0.0
1369	8.0	22 43.25	3.0144	−0.0002	−6 1 51.6	−18.273	−0.173	13.23	5.3071		[4]
1370	7.7	23 2.28	3.0173	−0.0003	−5 44 30.3	−18.285	−0.173	6.01, 5.95	5.3073		
1371	6.7	23 9.44	3.0421	−0.0015	−3 10 47.5	−18.289	−0.174	4.87, 4.82	3.2929		
1372	6.0	23 53.54	3.0518	−0.0019	−2 10 33.9	−18.315	−0.173	3.00	2.3155	+0.03 −0.3	+0.03 −0.1[5]
1373	**6.4**	**25 28.35**	**3.0060**	**+0.0004**	**−7 4 24.3**	**−18.371**	**−0.168**			**Br. 1462 F.St.**	
1374	7.2	26 56.31	3.0216	−0.0002	−5 30 30.1	−18.422	−0.166	5.96	5.3080		−0.05 −0.5
1375	8.0	26 59.41	3.0392	−0.0011	−3 37 3.9	−18.424	−0.167	3.59	3.2943		
1376	7.5	27 40.89	3.0286	−0.0005	−4 47 28.5	−18.448	−0.165	6.59	4.2898		+0.02 +0.6[6]
1377	7.0	29 15.59	3.0426	−0.0011	−3 19 35.3	−18.502	−0.163	3.64	3.2950		−0.01 −0.6[7]
1378	7.5	29 52.56	3.0296	−0.0005	−4 47 35.9	−18.522	−0.161	5.59	4.2906		+0.01 +0.5
1379	7.7	30 21.19	3.0012	+0.0010	−7 57 49.1	−18.538	−0.159	7.45, 7.59	7.3066		
1380	7.7	33 59.41	3.0090	+0.0009	−7 23 27.7	−18.657	−0.153	5.97	7.3083		
1381	8.0	34 43.44	3.0204	+0.0004	−6 7 3.6	−18.681	−0.152	13.03	5.3120		
1382	**6.4**	**35 48.40**	**3.0628**	**−0.0019**	**−1 9 48.1**	**−18.715**	**−0.153**			**33 Sextantis F.St.**	
1383	7.6	36 21.17	3.0224	+0.0004	−5 59 58.9	−18.732	−0.149	12.40	5.3124		+0.06 −0.4
1384	7.3	36 21.20	3.0090	+0.0011	−7 28 50.9	−18.732	−0.149	9.93	7.3094		
1385	6.9	36 56.68	3.0046	+0.0014	−8 9 7.2	−18.751	−0.147	9.28, 9.70	7.3097		+0.04 −0.4
1386	7.5	37 12.27	3.0593	−0.0016	−1 36 3.2	−18.750	−0.150	3.68	1.2431	+0.02 +1.0	[8]
1387	8.0	41 15.19	3.0347	+0.0001	−4 48 8.9	−18.881	−0.141	5.27	4.2946		
1388	8.0	42 56.59	3.0519	−0.0008	−2 40 29.7	−18.930	−0.139	4.32	2.3221		
1389	6.5	43 4.00	3.0619	−0.0015	−1 22 42.0	−18.934	−0.139	3.67	1.2446	−0.02 +0.8	−0.05 −0.1
1390	7.5	43 35.53	3.0356	+0.0002	−4 49 32.6	−18.949	−0.137	6.69	4.2952		+0.07 +0.7
1391	6.7	43 42.66	3.0462	−0.0004	−3 26 33.0	−18.952	−0.137	6.38, 7.07	3.2999		+0.10 +0.1
1392	8.6	43 52.70	3.0351	+0.0003	−4 54 20.5	−18.957	−0.136	7.30	4.2954		
1393	7.8	44 27.40	3.0202	+0.0012	−6 53 58.1	−18.973	−0.134	10.95	6.3237		+0.01 −0.5
1394	6.0	45 29.95	3.0538	−0.0008	−2 30 34.0	−19.003	−0.134	4.82	2.3236		+0.02 −0.6
1395	7.5	45 43.97	3.0416	0.0000	−4 9 12.0	−19.009	−0.133	5.22	3.3005		+0.11 0.0
1396	8.2	46 7.36	3.0109	+0.0020	−8 16 59.0	−19.020	−0.131	12.23	8.3025	1 Beob.	
1397	8.2	47 9.87	3.0256	+0.0011	−6 24 15.4	−19.049	−0.130	6.31	6.3250	2 Beob.	
1398	8.0	47 14.03	3.0482	−0.0003	−3 19 55.9	−19.051	−0.131	4.69	3.3010		
1399	7.2	47 17.51	3.0270	+0.0011	−6 13 54.0	−19.052	−0.129	7.60	6.3252		+0.11 +0.6[9]
1400	6.7	47 49.46	3.0605	−0.0011	−1 40 4.0	−19.062	−0.130	3.48	1.2459	+0.11 +0.7	+0.05 −0.1[10]

[1] E.B.N. +0″0017, 0″000
[2] E.B.C. −0″0116, +0″134
[3] E.B.N. −0″0034, +0″017
[4] E.B.C. −0″0289, −0″284
[5] E.B.N. −0″0046, −0″018
[6] E.B.C. +0″0060, −0″115
[7] E.B.C. −0″0033, −0″151
[8] E.B.C. +0″0007, −0″205
N. −0.206
[9] E.B.C. −0″0160, −0″186
[10] E.B.N. −0″0067, −0″084

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
1401	5.7	$10^h 48^m\ 7^s.70$	3.0614	−0.0012	−1° 32′ 41″.1	−19.075	−0.130	4.31	1.2460	+0.11 +0.7	+0.15 −0.7[1]
1402	8.0	49 13.87	3.0169	+0.0019	−7 47 34.5	−19.105	−0.125	8.29	7.3139		+0.07 +0.4
1403	7.9	50 10.06	3.0377	+0.0006	−4 57 46.3	−19.129	−0.125	5.28	4.2975		+0.13 +1.1
1404	8.0	53 18.57	3.0451	+0.0004	−4 5 21.6	−19.210	−0.119	3.65	3.3024		+0.03 +1.2
1405	7.3	54 25.70	3.0535	−0.0002	−2 52 57.5	−19.238	−0.117	5.21	2.3264		+0.07 +1.0
1406	**5.0**	**56 12.99**	**3.0604**	**−0.0007**	**−1 53 32.6**	**−19.281**	**−0.116**			[2] **Leonis F.St.**	
1407	6.7	57 1.07	3.0540	0.0000	−2 55 13.9	−19.300	−0.113	5.21	2.3270		+0.07 +0.1
1408	7.7	57 11.81	3.0358	+0.0014	−5 48 6.5	−19.305	−0.112	9.45	5.3189		+0.07 0.0
1409	7.2	58 16.70	3.0283	+0.0021	−7 5 35.8	−19.330	−0.109	5.98	6.3300		−0.04 +0.5
1410	8.0	58 41.77	3.0683	−0.0011	−0 41 6.5	−19.340	−0.110	3.37	0.2401	+0.03 +0.3	+0.05 +0.2
1411	7.3	59 7.36	3.0503	+0.0004	−3 37 29.5	−19.350	−0.108	4.69	3.3040		+0.17 +0.7
1412	8.0	59 43.29	3.0365	+0.0016	−5 54 45.5	−19.363	−0.107	7.42	5.3196		
1413	7.7	11 0 31.95	3.0340	+0.0019	−6 24 50.0	−19.382	−0.105	5.97	6.3305		
1414	7.5	2 39.86	3.0650	−0.0006	−1 18 26.3	−19.429	−0.102	3.37	1.2488	+0.07 +0.5	+0.09 +0.7
1415	8.0	2 46.21	3.0711	−0.0011	−0 14 42.4	−19.431	−0.102	4.19	0.2407	+0.06 −1.8	
1416	7.5	3 36.71	3.0683	−0.0008	−0 44 13.5	−19.449	−0.101	5.22	0.2409	−0.04 +0.3	−0.01 −0.5[3]
1417	7.0	4 41.23	3.0345	+0.0022	−6 47 14.2	−19.472	−0.097	6.15	6.3317		+0.08 0.0[4]
1418	7.5	5 33.58	3.0465	+0.0013	−4 43 28.1	−19.490	−0.096	8.11	4.3022		
1419	7.7	5 41.20	3.0458	+0.0014	−4 52 21.0	−19.493	−0.096	10.60	4.3024		−0.06 −0.2
1420	8.0	5 42.35	3.0682	−0.0006	−0 47 51.2	−19.493	−0.097	4.64, 5.05	0.2414	+0.09 +0.4	
1421	7.2	7 11.13	3.0484	+0.0013	−4 31 7.8	−19.523	−0.093	6.79, 7.57	4.3028		
1422	8.5	7 31.16	3.0683	−0.0006	−0 48 24.0	−19.530	−0.093	5.23, 5.22	0.2420	+0.04 0.0	[4]
1423	7.2	8 39.14	3.0322	+0.0029	−7 43 44.5	−19.552	−0.090	7.47	7.3197		+0.12 −1.1
1424	7.5	8 59.95	3.0691	−0.0006	−0 40 14.4	−19.559	−0.090	3.89	0.2422	+0.05 −0.4	+0.13 +0.2
1425	7.7	10 35.12	3.0582	+0.0006	−2 52 21.8	−19.589	−0.087	7.54	2.3212		+0.05 0.0
1426	7.0	11 0.10	3.0558	+0.0009	−3 21 58.7	−19.596	−0.086	7.93	3.3085		+0.03 0.0
1427	**4.9**	**11 4.15**	**3.0574**	**+0.0008**	**−3 3 0.9**	**−19.597**	**−0.086**			[5] **Leonis F.St.**	
1428	6.5	11 23.60	3.0403	+0.0025	−6 32 3.5	−19.604	−0.085	10.94	6.3344		+0.02 +0.5
1429	7.2	12 40.42	3.0511	+0.0015	−4 27 41.5	−19.627	−0.083	9.45	4.3049		−0.05 −0.2[5]
1430	7.0	13 46.99	3.0676	−0.0001	−1 2 53.4	−19.646	−0.081	2.74	0.2428	+0.08 +1.0	+0.20 +1.0[6]
1431	8.0	15 40.44	3.0556	+0.0013	−3 45 49.8	−19.679	−0.077	4.33	3.3098		+0.02 −0.1
1432	7.9	16 11.65	3.0498	+0.0021	−5 6 55.1	−19.688	−0.076	5.27	4.3057		
1433	7.0	18 46.85	3.0503	+0.0023	−5 18 11.2	−19.730	−0.071	5.28	5.3275		+0.10 −1.2
1434	7.2	19 21.43	3.0659	+0.0004	−1 36 24.6	−19.738	−0.070	3.35, 3.09	1.2521	+0.02 +0.7	0.00 +0.1
1435	8.0	19 32.13	3.0301	+0.0036	−7 52 17.4	−19.741	−0.069	6.98	7.3231		
1436	7.1	22 16.47	3.0683	+0.0004	−1 5 39.9	−19.782	−0.065	4.48	0.2442	−0.01 +0.1	−0.02 −0.4
1437	7.7	22 25.76	3.0714	0.0000	−0 17 29.9	−19.784	−0.065	7.22	0.2443	−0.02 +0.4	−0.01 −0.6
1438	7.8	23 37.82	3.0583	+0.0018	−3 50 33.8	−19.801	−0.062	5.21	3.3128		+0.05 +0.9
1439	7.9	23 46.74	3.0716	0.0000	−0 14 35.8	−19.803	−0.062	8.79	0.2444	0.00 −0.3	−0.07 0.0
1440	**5.0**	**24 41.66**	**3.0639**	**+0.0011**	**−2 23 47.2**	**−19.815**	**−0.060**			[6] **Leonis F.St.**	
1441	7.6	25 14.99	3.0509	+0.0031	−6 6 44.2	−19.823	−0.059	9.45	5.3304		+0.05 −0.5
1442	6.5	26 20.88	3.0524	+0.0030	−5 51 39.8	−19.837	−0.057	10.86, 10.61	5.3306		+0.04 −0.8
1443	7.7	26 22.72	3.0685	+0.0006	−1 10 32.3	−19.838	−0.057	6.40	0.2447	−0.13 −0.7	+0.01 −0.3
1444	8.0	26 47.79	3.0556	+0.0026	−5 1 4.7	−19.843	−0.056	8.95	4.3087		
1445	6.3	27 12.06	3.0484	+0.0037	−7 13 12.5	−19.848	−0.055	9.50	7.3250		−0.03 −0.3
1446	8.0	28 2.02	3.0532	+0.0031	−5 55 45.6	−19.858	−0.053	11.80	5.3313		
1447	7.0	28 45.70	3.0569	+0.0027	−4 55 11.1	−19.867	−0.052	6.14	4.3096		0.00 0.0
1448	7.8	29 10.36	3.0666	+0.0011	−1 53 3.6	−19.872	−0.051	2.75	1.2540	+0.01 0.0	
1449	6.5	29 22.46	3.0608	+0.0021	−3 45 6.5	−19.874	−0.051	4.70	3.3144		0.00 +0.8
1450	**4.8**	**31 18.98**	**3.0719**	**+0.0003**	**−0 12 59.4**	**−19.896**	**−0.048**			[7] **Leonis F.St.**	

[1] E.B.N. in α −0.0064
[2] E.B.N. −0.0020, +0.014
[3] E.B.C. −0.0160, −0.172
[4] E.B.C. +0.0010, −0.150
[5] E.B.C. +0.0495, −0.120
[6] E.B.C. −0.0166, −0.120
N. −0.0150, −0.136. dpl. s.
[7] E.B.C. −0.0166, −0.120

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
1451	8.0	$11^h 31^m 48^s.30$	3.0660	+0.0015	−2°16′ 59.″8	−19.″901	−0.″046	10.27, 10.10	2.3383	−0.″03 −0.″5	
1452	8.0	31 56.92	3.0614	+0.0023	−3 53 47.8	−19.903	−0.046	9.60	3.3152		
1453	6.7	32 46.90	3.0675	+0.0013	−1 49 38.3	−19.912	−0.044	4.26, 5.76	1.2546	+0.05 −0.2	0.″00 0.″0
1454	7.8	33 13.69	3.0534	+0.0040	−6 59 27.1	−19.916	−0.043	9.14, 9.59	6.3422		+0.08 −0.3
1455	7.0	35 0.70	3.0526	+0.0045	−7 47 43.4	−19.934	−0.040	7.16	7.3271		+0.05 +0.4
1456	8.0	35 14.85	3.0610	+0.0029	−4 35 17.5	−19.936	−0.040	7.47	4.3120		+0.04 −0.4
1457	8.0	36 55.71	3.0630	+0.0027	−4 2 19.4	−19.951	−0.036	2.81	3.3164		
1458	7.2	37 13.25	3.0657	+0.0021	−2 56 1.3	−19.954	−0.036	3.39	2.3399		+0.14 −0.7
1459	6.5	38 17.99	3.0591	+0.0038	−6 3 55.3	−19.963	−0.034	7.16	5.3340		+0.05 −0.5
1460	8.0	38 27.34	3.0633	+0.0029	−4 11 44.0	−19.964	−0.033	5.23	3.3167		
1461	7.3	40 42.54	3.0678	+0.0021	−2 23 29.1	−19.982	−0.029	2.75	2.3410		
1462	8.0	40 44.44	3.0632	+0.0033	−4 44 16.5	−19.982	−0.029	6.98	4.3137		
1463	7.2	41 3.13	3.0665	+0.0024	−3 7 48.9	−19.984	−0.028	3.44	2.3411		
1464	8.0	41 32.67	3.0639	+0.0032	−4 34 9.1	−19.988	−0.027	7.32	4.3140		+0.08 +0.2
1465	8.0	41 54.45	3.0639	+0.0033	−4 39 4.5	−19.990	−0.027	10.86	4.3144		
1466	7.7	42 48.75	3.0679	+0.0023	−2 37 38.5	−19.997	−0.025	5.23	2.3417		+0.10 +0.1
1467	6.8	43 33.90	3.0612	+0.0045	−6 44 56.3	−20.001	−0.023	8.60	6.3455		+0.02 +0.2
1468	7.5	43 38.35	3.0620	+0.0042	−6 17 2.1	−20.002	−0.023	9.32	6.3456		
1469	8.0	44 15.06	3.0657	+0.0032	−4 14 16.6	−20.006	−0.022	8.61	4.3149		
1470	8.0	44 41.90	3.0619	+0.0045	−6 45 51.1	−20.008	−0.021	12.30	6.3460		
1471	8.0	44 48.85	3.0697	+0.0020	−1 48 22.9	−20.009	−0.021	8.10	1.2576	+0.03 +1.1	
1472	8.0	44 52.06	3.0639	+0.0039	−5 35 57.6	−20.009	−0.021	13.24	5.3367		−0.05 −0.6
1473	6.0	45 24.81	3.0655	+0.0035	−4 43 17.3	−20.012	−0.020	11.50	4.3152		+0.04 −0.7
1474	8.5	45 24.89	3.0642	+0.0040	−5 35 27.3	−20.012	−0.020	13.23	5.3370	1 Beob.	
1475	7.0	45 33.72	3.0616	+0.0049	−7 22 44.9	−20.013	−0.019	12.94	7.3303		−0.05 +0.1
1476	8.0	46 12.98	3.0653	+0.0038	−5 8 56.3	−20.017	−0.018	8.48	4.3155		
1477	7.0	48 14.54	3.0687	+0.0029	−3 9 48.1	−20.027	−0.014	3.42	2.3433		+0.05 −0.8
1478	8.0	49 13.03	3.0716	+0.0017	−0 49 45.0	−20.031	−0.012	3.97	0.2510	+0.10 +1.2	+0.10 +1.7[1]
1479	7.0	49 48.89	3.0678	+0.0037	−4 31 19.2	−20.033	−0.011	5.29	4.3162		+0.02 −0.1
1480	6.8	51 23.72	3.0689	+0.0036	−4 10 14.5	−20.039	−0.008	3.93	3.3210		−0.01 −1.1[2]
1481	6.6	52 8.53	3.0661	+0.0056	−7 56 12.5	−20.041	−0.007	7.49	7.3322		−0.01 +0.4
1482	7.6	52 8.82	3.0664	+0.0054	−7 39 37.8	−20.041	−0.007	9.93, 9.10	7.3323		
1483	6.7	52 30.01	3.0697	+0.0034	−3 45 36.2	−20.042	−0.006	4.41	3.3213		−0.02 +0.4
1484	7.8	53 23.34	3.0684	+0.0047	−6 2 31.5	−20.045	−0.004	12.29, 12.28	5.3396		+0.08 −0.6
1485	6.8	53 31.75	3.0660	+0.0067	−9 51 50.9	−20.045	−0.004	7.28	9.3408	1 Beob.	
1486	7.3	53 36.62	3.0708	+0.0030	−2 42 35.5	−20.045	−0.004	7.61	2.3446		+0.04 +0.1
1487	7.7	53 56.33	3.0717	+0.0022	−1 18 19.7	−20.046	−0.003	3.77, 3.85	1.3600	−0.03 0.0	+0.04 0.0
1488	6.8	55 23.89	3.0720	+0.0022	−1 9 11.7	−20.049	0.000	4.23	0.2520	+0.06 +0.3	+0.05 +0.4[3]
1489	8.0	55 48.92	3.0693	+0.0056	−7 32 37.8	−20.050	0.000	10.98, 10.86	7.3332		
1490	7.8	57 7.79	3.0708	+0.0048	−5 51 10.2	−20.051	+0.003	11.47	5.3406		
1491	6.3	57 13.82	3.0705	+0.0054	−7 4 17.7	−20.051	+0.003	8.80	6.3499		+0.02 −0.4
1492	7.7	57 35.56	3.0718	+0.0032	−2 46 50.5	−20.052	+0.004	12.60	2.3453		
1493	8.0	57 54.01	3.0721	+0.0027	−1 50 3.6	−20.052	+0.004	3.96	1.2613	+0.12 +1.1	
1494	7.2	57 57.80	3.0715	+0.0043	−4 51 59.8	−20.052	+0.005	6.44	4.3192		−0.08 −1.1
1495	7.7	59 5.93	3.0718	+0.0057	−7 21 49.7	−20.053	+0.007	8.81	7.3339		
1496	6.7	59 56.99	3.0725	+0.0046	−5 14 0.6	−20.053	+0.008	9.14, 8.80	5.3416		0.00 −0.5
1497	8.0	12 0 10.77	3.0726	+0.0046	−5 14 38.0	−20.053	+0.009	12.16, 12.14	5.3419		−0.13 −1.7
1498	**6.5**	**0 21.85**	**3.0726**	**+0.0032**	**−2 31 6.7**	**−20.053**	**+0.010**			**M 499 F.St.**	
1499	7.8	1 35.23	3.0734	+0.0048	−5 28 21.3	−20.053	+0.012	6.95	5.3423		
1500	7.0	1 36.72	3.0735	+0.0052	−6 9 12.7	−20.053	+0.012	8.26	5.3424		+0.01 −0.1

[1] E.B.C. +0.″0071, −0.″355
N. +0.0085, −0.285

[2] E.B.C. −0.″0133, +0.″020

[3] E.B.N. in δ −0.″06

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
1501	7.0	12h 2m 9.61	3.0743	+0.0061	−7° 52′ 23.″3	−20.052	+0.013	9.95, 9.57	7.3345		−0.05 −0.3
1502	7.2	2 34.21	3.0735	+0.0040	−3 40 29.1	−20.052	+0.014	4.25	3.3239		+0.11 0.0
1503	8.6	2 49.71	3.0736	+0.0040	−3 43 31.5	−20.051	+0.014	5.30	3.3240	2 Beob.	
1504	6.8	4 9.67	3.0745	+0.0045	−4 36 50.1	−20.050	+0.017	6.31	4.3219		+0.05 −0.9
1505	6.4	4 48.56	3.0760	+0.0059	−7 9 44.9	−20.049	+0.018	8.79	6.3518		+0.07 −0.3
1506	8.0	5 41.19	3.0756	+0.0050	−5 18 39.1	−20.047	+0.020	12.94	5.3444		[1]
1507	6.8	5 43.65	3.0737	+0.0033	−2 5 4.8	−20.047	+0.020	4.26	1.2632	+0.″07 +1.″5	+0.07 −0.3
1508	6.7	5 44.23	3.0744	+0.0039	−3 9 53.2	−20.047	+0.020	3.73	2.3478		+0.14 +0.7
1509	7.8	6 35.70	3.0751	+0.0042	−3 47 22.2	−20.045	+0.021	6.17	3.3249		
1510	7.3	6 54.99	3.0743	+0.0036	−2 29 7.1	−20.044	+0.022	8.77	2.3481		[2]
1511	7.0	7 3.90	3.0739	+0.0032	−1 51 34.2	−20.043	+0.022	10.79	1.2635	−0.04 −0.7	+0.03 −0.5
1512	8.0	7 38.72	3.0730	+0.0027	−0 37 29.5	−20.041	+0.024	5.23	0.2549	−0.06 −0.3	
1513	6.9	8 37.35	3.0770	+0.0051	−5 6 29.9	−20.039	+0.025	7.49	4.3235		−0.01 +0.8[3]
1514	7.5	9 22.17	3.0732	+0.0028	−0 42 53.6	−20.036	+0.027	2.83	0.2554	−0.03 +1.0	+0.03 −0.3
1515	7.4	9 29.41	3.0790	+0.0059	−6 38 38.7	−20.036	+0.027	8.49	6.3532		+0.08 −0.6[4]
1516	8.0	10 13.58	3.0783	+0.0054	−5 32 49.0	−20.033	+0.029	12.80	5.3463		
1517	7.8	10 38.12	3.0765	+0.0039	−2 37 18.4	−20.031	+0.029	3.77	2.3488		+0.05 +0.8
1518	8.0	11 5.77	3.0749	+0.0036	−2 7 39.7	−20.029	+0.030	5.21	1.2639	+0.02 −0.3	
1519	7.5	12 30.59	3.0768	+0.0044	−3 20 37.1	−20.023	+0.033	4.30	2.3262		+0.08 0.0
1520	6.8	12 30.95	3.0768	+0.0044	−3 20 17.9	−20.023	+0.033	9.94	3.3263		+0.10 0.0[5]
1521	7.3	14 37.97	3.0783	+0.0048	−3 53 57.3	−20.012	+0.037	7.77	3.3267		
1522	8.0	15 1.25	3.0777	+0.0045	−3 22 55.8	−20.010	+0.038	12.33	3.3268		
1523	7.7	16 12.24	3.0788	+0.0048	−3 46 29.6	−20.003	+0.040	3.82	3.3271		
1524	6.8	17 30.07	3.0845	+0.0064	−6 41 20.7	−19.995	+0.043	9.00	6.3557		+0.01 −0.6
1525	6.5	17 36.00	3.0804	+0.0052	−4 21 48.6	−19.994	+0.043	10.32	4.3268		−0.01 0.0
1526	7.2	17 48.36	3.0825	+0.0058	−5 30 38.0	−19.992	+0.043	11.11	5.3487		−0.05 −0.7 [6]
1527	8.0	19 21.11	3.0796	+0.0048	−3 36 32.3	−19.982	+0.047	2.79	3.3280		
1528	8.0	20 10.87	3.0813	+0.0053	−4 15 5.2	−19.975	+0.048	7.50	4.3276		
1529	8.0	20 29.02	3.0806	+0.0051	−3 52 17.1	−19.973	+0.049	4.75	3.3289		
1530	8.0	20 39.05	3.0867	+0.0066	−6 43 15.7	−19.972	+0.049	10.63, 10.58	6.3570		
1531	7.8	21 8.14	3.0833	+0.0057	−4 58 57.0	−19.968	+0.050	11.47	4.3281		+0.03 −0.2
1532	8.0	21 20.92	3.0789	+0.0046	−2 55 22.5	−19.966	+0.050	8.82	2.3519		+0.08 0.0
1533	8.0	22 8.33	3.0765	+0.0041	−1 46 16.1	−19.959	+0.052	4.26	1.2670	+0.02 +0.1	[7]
1534	6.3	22 12.90	3.0816	+0.0052	−4 0 23.7	−19.959	+0.052	11.16	3.3298		−0.05 −0.8
1535	6.3	22 16.76	3.0909	+0.0074	−8 4 4.9	−19.958	+0.052	7.94	7.3409		
1536	7.8	23 11.92	3.0865	+0.0063	−5 55 19.6	−19.950	+0.054	8.33	5.3506		
1537	7.7	23 31.14	3.0769	+0.0042	−1 19 15.2	−19.947	+0.055	4.74	1.2674	−0.03 +0.5	−0.04 +0.8
1538	7.5	24 22.92	3.0860	+0.0061	−5 24 47.3	−19.940	+0.056	7.62	5.3513		+0.03 +0.3[8]
1539	6.7	25 11.58	3.0814	+0.0051	−3 27 10.8	−19.932	+0.058	2.81	3.3309		0.00 −0.7
1540	6.3	25 59.36	3.0843	+0.0057	−4 26 45.1	−19.924	+0.059	6.98	4.3296		−0.06 −0.6
1541	7.7	26 26.12	3.0757	+0.0040	−1 9 57.6	−19.920	+0.060	4.16	0.2587	+0.05 −0.1	+0.13 −1.0[9]
1542	7.8	28 15.97	3.0903	+0.0067	−6 10 20.6	−19.901	+0.064	7.31	5.3526		+0.16 −0.9
1543	8.0	28 31.61	3.0837	+0.0055	−3 50 19.7	−19.898	+0.064	2.86	3.3313		+0.10 +0.1
1544	8.0	28 33.92	3.0816	+0.0051	−3 6 45.4	−19.897	+0.064	8.76	2.3533		
1545	7.2	28 44.97	3.0749	+0.0039	−0 48 4.5	−19.895	+0.065	7.45, 8.15	0.2590	+0.03 +0.8	+0.04 −0.8
1546	8.0	29 48.60	3.0814	+0.0051	−2 56 22.4	−19.884	+0.067	3.47	2.3540		
1547	8.0	30 4.53	3.0935	+0.0072	−6 50 28.0	−19.881	+0.068	7.54	6.3598		+0.08 −1.0
1548	5.9	31 7.41	3.0891	+0.0064	−5 13 31.2	−19.868	+0.070	6.46	5.3535		+0.05 +0.5
1549	7.5	31 26.80	3.0780	+0.0046	−1 42 42.4	−19.864	+0.070	4.11	1.2699	+0.02 0.0	−0.06 −0.3[10]
1550	7.3	31 40.32	3.0974	+0.0077	−7 41 39.1	−19.862	+0.071	10.16, 10.14	7.3443		+0.04 −0.7

[1] E.B.C. −0.″0208, −0.″10
[2] E.B.C. −0.″0397, +0.″434
[3] E.B.C. −0.″0083, +0.″139
[4] E.B.C. −0.″0164, −0.″040
[5] dpl. b.
[6] E.B.C. −0.″0098, −0.″202
[7] E.B.C. −0.″0081, −0.″177
[8] E.B.C. −0.″0088, −0.″085
[9] 10 Beob.
[10] E.B.C. +0.″0104, −0.″137
N. +0.0128, −0.142
B. +0.0094, −0.119

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
1551	6.9	$12^h 33^m 4^s.00$	$3^s.0852$	$+0^s.0057$	$-3° 46' 6''.1$	$-19''.845$	$+0''.073$	3.45	3.3329		$+0^s.04$ $-0^s.3$
1552	8.0	33 18.64	3.0734	+0.0039	−0 14 57.0	−19.842	+0.073	7.85	0.2595	$-0^s.05$ $+0^s.7$	$-0^s.02$ $-0^s.3$
1553	**5.0**	**33 34.12**	**3.0978**	**+0.0076**	**−7 23 24.0**	**−19.838**	**+0.074**			**χ Virginis F.St.**	
1554	6.5	33 50.19	3.0914	+0.0067	−5 29 44.9	−19.835	+0.075	11.15	5.3542		−0.01 −0.7
1555	7.8	34 14.73	3.0811	+0.0051	−2 27 41.0	−19.829	+0.075	4.11	2.3552		+0.04 0.0
1556	7.5	34 59.56	3.1005	+0.0080	−7 50 23.1	−19.820	+0.077	12.32	7.3458		+0.02 +0.6[1]
1557	**3.0**	**36 5.18**	**3.0756**	**+0.0043**	**−0 50 46.0**	**−19.805**	**+0.078**			**γ Virginis F.St.**	
1558	7.0	36 16.36	3.0980	+0.0075	−6 53 42.9	−19.802	+0.080	8.00	6.3626		+0.05 −0.8
1559	8.0	36 55.89	3.0908	+0.0065	−4 51 46.7	−19.793	+0.081	10.35	4.3235		
1560	7.5	37 21.32	3.0856	+0.0058	−3 26 24.9	−19.787	+0.082	3.28	3.3341		[2]
1561	7.7	37 59.05	3.0763	+0.0045	−0 58 17.9	−19.778	+0.083	8.65	0.2603	+0.06 −0.5	+0.08 −0.6[3]
1562	6.8	38 32.49	3.0813	+0.0052	−2 14 22.6	−19.770	+0.084	5.87	2.3567	0.00 −1.0	+0.01 +0.1
1563	7.3	39 17.70	3.1042	+0.0083	−7 55 47.0	−19.759	+0.086	6.81	7.3478		+0.08 −0.6
1564	8.0	39 37.82	3.0857	+0.0058	−3 17 10.8	−19.754	+0.086	12.33	3.3349		−0.09 −0.6
1565	7.3	39 51.93	3.0896	+0.0063	−4 12 33.4	−19.750	+0.086	7.82	4.3351		−0.03 +0.3
1566	7.8	41 17.73	3.1028	+0.0080	−7 11 49.9	−19.728	+0.089	12.32	6.3644		
1567	**6.5**	**41 52.29**	**3.0968**	**+0.0072**	**−5 41 58.2**	**−19.719**	**+0.091**			**M. 522 F.St.**	
1568	8.0	41 54.13	3.0899	+0.0063	−4 4 47.4	−19.719	+0.090	8.00	3.3360		
1569	7.5	44 1.37	3.1006	+0.0076	−6 16 48.6	−19.684	+0.093	10.35	6.3656		
1570	7.0	44 25.06	3.1043	+0.0080	−7 1 59.3	−19.678	+0.096	3.28	6.3659		+0.02 −0.4[4]
1571	6.2	47 33.34	3.0867	+0.0060	−2 57 18.9	−19.623	+0.101	8.65	2.3593		+0.16 −1.1[5]
1572	8.0	47 54.42	3.1078	+0.0083	−7 14 29.9	−19.617	+0.102	7.66	7.3503		+0.09 −0.7
1573	6.7	47 57.80	3.0901	+0.0064	−3 37 30.0	−19.615	+0.102	3.47	3.3373		+0.18 −0.2
1574	7.3	49 42.75	3.0922	+0.0066	−3 54 34.9	−19.583	+0.102	8.17	3.3375		
1575	7.9	50 1.94	3.0875	+0.0062	−2 57 17.3	−19.577	+0.106	3.27	2.3597		
1576	7.2	50 34.65	3.0944	+0.0069	−4 16 4.9	−19.567	+0.107	6.61	4.3379		+0.07 +0.3[6]
1577	7.7	50 47.95	3.0744	+0.0049	−0 21 21.4	−19.562	+0.107	3.47	0.2632	−0.02 +0.3	+0.10 −1.4[7]
1578	8.0	52 12.85	3.1072	+0.0082	−6 32 44.9	−19.535	+0.111	8.84	6.3701		
1579	7.0	52 53.94	3.1066	+0.0081	−6 21 14.3	−19.521	+0.112	10.11	6.3705		+0.13 −0.1
1580	7.2	53 0.15	3.0849	+0.0060	−2 18 31.3	−19.519	+0.111	3.65	2.3605	+0.05 −0.1	+0.02 −0.3
1581	7.7	53 17.01	3.1166	+0.0091	−8 8 35.1	−19.513	+0.113	12.94	7.3515		
1582	7.3	53 18.68	3.1022	+0.0077	−5 29 46.9	−19.513	+0.113	7.80	5.3605		+0.10 −0.6
1583	8.0	53 42.78	3.0959	+0.0070	−4 18 44.4	−19.505	+0.113	8.97	4.3390		
1584	6.2	53 59.53	3.0901	+0.0065	−3 13 6.0	−19.499	+0.114	4.87, 4.83	3.3384		+0.04 −0.1
1585	6.3	54 56.06	3.0879	+0.0063	−2 46 37.0	−19.479	+0.115	7.00	2.3609		+0.08 −0.9
1586	7.5	58 9.74	3.0993	+0.0074	−4 33 49.3	−19.411	+0.122	6.28	4.3408		+0.02 +1.1[8]
1587	7.5	58 13.33	3.0879	+0.0064	−2 37 33.8	−19.409	+0.121	2.80	2.3621		
1588	6.7	58 14.38	3.0906	+0.0066	−3 4 15.9	−19.409	+0.121	3.47	2.3622		+0.15 +0.3
1589	7.8	59 3.45	3.1203	+0.0093	−7 58 48.4	−19.391	+0.124	6.66	7.3540		+0.13 −0.6
1590	8.0	13 0 22.86	3.1002	+0.0075	−4 32 40.1	−19.361	+0.126	7.45	4.3418		
1591	7.8	1 29.49	3.1066	+0.0080	−5 29 35.0	−19.335	+0.128	6.30	5.3634		
1592	8.0	3 7.16	3.1069	+0.0081	−5 24 28.2	−19.297	+0.131	8.67	5.3640		
1593	7.2	4 3.10	3.1183	+0.0040	−7 4 5.7	−19.275	+0.134	12.47	6.3750		+0.15 0.0
1594	**4.3**	**4 15.24**	**3.1045**	**+0.0079**	**−4 57 5.4**	**−19.270**	**+0.134**			**ϑ Virginis F.St.**	
1595	7.6	5 1.33	3.1010	+0.0076	−4 21 19.5	−19.251	+0.135	10.82	4.3432		
1596	8.0	7 5.32	3.0838	+0.0063	−1 40 52.0	−19.200	+0.138	3.30	1.2784	+0.03 +0.9	
1597	7.3	7 6.62	3.0804	+0.0061	−1 10 25.3	−19.200	+0.138	5.74	0.2668	+0.04 +0.9	0.00 0.0
1598	8.0	7 30.14	3.1026	+0.0078	−4 26 13.8	−19.189	+0.140	7.13	4.3439		[9]
1599	8.0	7 34.83	3.0859	+0.0065	−1 58 15.9	−19.187	+0.140	8.80	1.2786	−0.02 +1.0	+0.02 +0.6
1600	7.5	7 40.89	3.0923	+0.0070	−2 54 38.6	−19.185	+0.139	6.17	2.3651		

[1] dpl. s. E.B.C. $-0^s.0051$, $-1''.144$
[2] E.B.C. $-0^s.0153$, $-0''.181$
[3] E.B.N. $+0^s.0060$, $-0^s.06$
[4] E.B.C. $-0^s.0155$, $0^s.000$
[5] E.B.C. $-0^s.0189$, $0^s.000$
[6] dpl. pr.
[7] E.B.N. in δ $-0''.084$
[8] E.B.C. $-0^s.0152$, $-0''.197$
[9] E.B.C. $+0^s.0144$, $-0^s.096$

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
1601	7.8	13h 9m46s.15	3s.1251	+0s.0095	−7° 28′ 29″.5	−19s.131	+0s.145	6.57, 6.76	7.3572		+0s.10 −0s.3
1602	7.5	10 21.33	3.1085	+0.0082	−5 5 9.4	−19.115	+0.145	7.64	4.3452		
1603	7.2	10 46.79	3.0783	+0.0060	−0 48 28.1	−19.104	+0.145	2.82	0.3674	+0s.02 +3s.6	−0.04 +1.9
1604	8.0	10 57.79	3.1081	+0.0082	−4 59 27.7	−19.099	+0.146	9.33	4.3453		
1605	7.4	11 6.36	3.1180	+0.0089	−6 21 13.5	−19.096	+0.147	11.51	6.3776		+0.18 −0.3
1606	6.7	11 58.91	3.1317	+0.0100	−8 9 5.8	−19.072	+0.149	10.33	7.3582		+0.05 −0.2
1607	7.5	12 30.37	3.1141	+0.0086	−5 41 9.6	−19.049	+0.150	7.31	5.3669		
1608	7.9	14 1.93	3.1169	+0.0088	−5 57 47.0	−19.016	+0.152	7.46	8.3673		
1609	7.2	16 48.23	3.1158	+0.0088	−5 37 18.4	−18.937	+0.157	6.80	5.3678		−0.08 −0.4[1]
1610	6.0	17 36.87	3.1063	+0.0082	−4 20 55.7	−18.914	+0.158	8.43	4.3469		+0.02 −0.6
1611	8.0	18 25.62	3.1036	+0.0080	−3 57 40.4	−18.890	+0.160	13.10	3.3459		
1612	7.0	18 45.04	3.1019	+0.0079	−3 43 49.5	−18.881	+0.160	4.50	3.3402		
1613	6.3	18 49.68	3.1087	+0.0083	−4 35 20.3	−18.878	+0.161	12.43	4.3472		+0.11 +0.2
1614	7.6	18 56.76	3.1068	+0.0082	−4 20 30.8	−18.875	+0.161	13.27	4.3473		
1615	8.0	19 4.34	3.1222	+0.0092	−6 15 59.4	−18.871	+0.162	13.27	6.3807		
1616	8.0	20 27.55	3.0973	+0.0076	−3 5 18.3	−18.830	+0.163	4.43, 4.28	2.3684		−0.07 +0.6
1617	7.0	20 33.33	3.0775	+0.0064	−0 37 12.5	−18.827	+0.163	8.95	0.2686	−0.04 +1.1	0.00 −0.4[2]
1618	7.8	21 10.37	3.1160	+0.0088	−5 21 31.2	−18.808	+0.166	6.28	5.3694		
1619	8.0	21 57.52	3.1237	+0.0093	−6 14 43.2	−18.784	+0.167	8.34	6.3819		+0.06 −0.3
1620	8.0	22 38.46	3.0746	+0.0063	−0 15 25.5	−18.763	+0.066	6.71, 7.43	0.2691	−0.03 +1.0	−0.02 +0.9[3]
1621	8.0	23 0.26	3.1048	+0.0081	−3 53 42.4	−18.752	+0.168	4.81	3.3476		+0.09 +0.8
1622	7.0	23 19.76	3.1174	+0.0089	−5 23 9.4	−18.742	+0.170	6.96	5.3702		+0.01 −0.9
1623	7.0	23 36.10	3.0791	+0.0066	−0 47 35.2	−18.733	+0.168	9.09	0.2694	−0.04 0.0	−0.01 −2.0
1624	7.8	24 35.27	3.0837	+0.0070	−1 19 33.6	−18.703	+0.170	9.25	1.2827	+0s.08 +1.3	
1625	**6.6**	**24 41.37**	**3.1224**	**+0.0092**	**−5 54 8.0**	**−18.699**	**+0.172**			**72 Virginis F.St.**	
1626	7.3	25 10.77	3.0936	+0.0075	−2 28 58.8	−18.684	+0.172	7.65	2.3695		+0.04 +0.3
1627	7.5	26 6.43	3.0876	+0.0072	−1 45 33.6	−18.654	+0.173	3.47	1.2832	+0.13 +0.3	+0.31 −2.1[4]
1628	5.5	26 14.74	3.1215	+0.0092	−5 41 15.5	−18.650	+0.175	7.33	5.3714		+0.09 −0.4
1629	8.0	27 17.28	3.0886	+0.0073	−1 51 29.6	−18.616	+0.175	5.66	1.2834	+0.01 +1.1	
1630	7.0	27 26.96	3.1414	+0.0104	−7 52 44.8	−18.611	+0.178	8.59	7.3639		+0.13 −0.3
1631	7.0	27 39.72	3.1343	+0.0100	−7 3 25.8	−18.604	+0.179	8.66	6.3839		+0.03 +1.2
1632	7.5	27 41.25	3.1415	+0.0104	−7 52 11.5	−18.603	+0.180	12.24	7.3642		+0.08 +0.3
1633	7.0	28 31.90	3.1438	+0.0105	−8 3 12.5	−18.575	+0.181	10.61	7.3643		+0.08 −0.9
1634	6.5	29 47.91	3.1157	+0.0089	−4 50 7.7	−18.533	+0.181	6.99	4.3515		+0.03 +0.4
1635	8.0	29 59.34	3.1226	+0.0093	−5 35 34.6	−18.527	+0.182	8.18	5.3730		
1636	7.7	30 37.62	3.0758	+0.0067	−0 22 1.1	−18.506	+0.181	5.45	0.2710	+0.01 +0.2	+0.10 −0.4[5]
1637	7.0	31 49.42	3.1394	+0.0102	−7 18 37.7	−18.465	+0.187	6.30	7.3661		+0.04 +0.4
1638	6.8	32 5.78	3.0969	+0.0079	−2 40 27.8	−18.456	+0.185	3.18	2.3714		−0.02 0.0
1639	8.0	33 14.20	3.0907	+0.0076	−1 58 18.7	−18.416	+0.186	4.12	1.2847	+0.09 +1.0	+0.03 −0.6
1640	8.0	34 42.06	3.1165	+0.0090	−4 41 17.3	−18.365	+0.190	6.15	4.3533		
1641	**6.0**	**35 50.30**	**3.1502**	**+0.0108**	**−8 8 51.3**	**−18.325**	**+0.194**			***m* Virginis F.St.**	
1642	8.0	36 2.00	3.1393	+0.0102	−6 59 57.4	−18.318	+0.194	6.80	6.3868		
1643	7.0	37 48.21	3.1085	+0.0086	−3 43 9.6	−18.255	+0.196	2.87	3.3522		+0.06 −0.4
1644	7.0	38 10.83	3.1206	+0.0092	−4 56 40.3	−18.241	+0.197	5.94	4.3540		+0.03 −0.3
1645	6.8	39 10.96	3.1422	+0.0103	−7 4 54.3	−18.204	+0.200	6.30	6.3878		+0.12 −0.4
1646	7.5	39 12.95	3.1260	+0.0095	−5 26 59.5	−18.203	+0.199	6.83	5.3758		+0.08 +0.5
1647	8.0	40 35.92	3.1155	+0.0090	−4 19 30.0	−18.152	+0.201	5.95	4.3555		+0.05 +0.5
1648	7.8	41 38.72	3.0915	+0.0078	−1 53 36.8	−18.113	+0.201	4.76	1.2858	0.00 −1.2	
1649	6.8	41 40.54	3.1344	+0.0099	−6 9 18.8	−18.112	+0.204	5.64	5.3762		+0.05 −0.7
1650	8.0	42 15.96	3.1482	+0.0106	−7 28 20.0	−18.089	+0.206	8.18	7.3704		

[1] E.B.C. −0s.0081, −0″.135 [2] E.B.C. +0s.0117, −0″.368 N. +0.0166, −0.425 [3] E.B.C. −0s.0601, +0″.273 N. −0.0572, +0.288 [4] E.B.C. −0s.0178, −0″.060 N. −0.0137 [5] E.B.N. in α −0s.009

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radd.
1651	6.5	$13^h\,42^m\,32^s.1$	$3^s.1363$	+0^s.0100	−6° 17′ 16″.3	−18″.079	+0″.206	6.66	6.3887		+0^s.13 −0^s.3
1652	8.0	42 42.71	3.1146	+0.0090	−4 9 22.2	−18.073	+0.205	2.87, 2.92	3.3535		
1653	7.5	42 57.77	3.0958	+0.0081	−2 17 30.5	−18.063	+0.204	4.32	2.3737	−0^s.06 −1^s.1	−0.01 −0.9
1654	8.0	43 2.50	3.1505	+0.0107	−7 38 26.8	−18.060	+0.208	8.98	7.3706		
1655	7.5	44 45.97	3.1455	+0.0105	−7 3 3.7	−17.994	+0.210	6.95, 6.81	6.3892		+0.11 −0.1
1656	8.0	44 51.20	3.1411	+0.0103	−6 37 26.9	−17.991	+0.210	8.49	6.3893		
1657	7.0	45 3.94	3.1477	+0.0106	−7 14 16.7	−17.982	+0.211	7.32	7.3712		0.00 −0.4
1658	7.7	45 58.39	3.1418	+0.0103	−6 37 40.4	−17.947	+0.212	7.34	6.3897		
1659	7.3	47 30.10	3.1042	+0.0086	−2 59 52.7	−17.887	+0.212	4.40, 4.32	2.3752		0.00 +0.5
1660	7.5	47 52.68	3.1324	+0.0099	−5 38 36.2	−17.872	+0.215	6.48	5.3775		+0.10 +0.4
1661	8.0	48 6.95	3.1573	+0.0110	−7 56 24.6	−17.863	+0.217	12.28	7.3723		
1662	7.8	48 59.59	3.1144	+0.0090	−3 54 58.9	−17.828	+0.216	5.24	3.3547		
1663	**5.6**	**49 3.20**	**3.0828**	**+0.0077**	**−0 57 41.0**	**−17.825**	**+0.214**			*β* **Virginis F.St.**	
1664	8.0	49 11.80	3.1298	+0.0098	−5 20 8.9	−17.820	+0.217	11.34	5.3777		
1665	6.0	49 12.03	3.1534	+0.0109	−7 31 1.6	−17.819	+0.219	9.29	7.3728		+0.05 −1.2[1]
1666	6.5	50 18.23	3.1063	+0.0087	−3 7 18.9	−17.775	+0.217	4.64	2.3761		−0.05 −0.4
1667	7.5	50 23.15	3.1167	+0.0092	−4 4 40.7	−17.772	+0.218	7.49	3.3552		+0.20 −0.2[2]
1668	8.0	51 55.10	3.1208	+0.0096	−4 56 39.9	−17.709	+0.222	5.62	4.3593		
1669	6.5	53 13.41	3.1435	+0.0104	−6 23 14.4	−17.655	+0.225	6.48	6.3911		+0.04 +0.3
1670	6.8	53 42.71	3.1269	+0.0096	−4 52 57.3	−17.635	+0.225	7.16	4.3597		+0.03 −0.3[3]
1671	6.4	54 7.31	3.1061	+0.0087	−3 0 48.0	−17.618	+0.224	3.57, 3.33	2.3768		+0.10 +0.6
1672	6.5	54 16.78	3.1581	+0.0110	−7 37 33.0	−17.611	+0.228	6.66	7.3748		+0.07 −0.5
1673	8.0	55 3.57	3.1576	+0.0110	−7 32 15.8	−17.579	+0.229	9.28	7.3751		
1674	8.0	55 7.60	3.1426	+0.0103	−6 12 36.8	−17.576	+0.228	10.00, 10.14	6.3917		
1675	8.0	57 12.86	3.1411	+0.0103	−5 58 48.8	−17.487	+0.232	8.48	5.3798		
1676	8.7	57 17.63	3.1231	+0.0095	−4 24 52.0	−17.484	+0.230	7.00	4.3609		
1677	7.5	57 30.64	3.1485	+0.0106	−6 36 32.7	−17.474	+0.233	8.48	6.3921		
1678	6.5	58 29.96	3.1286	+0.0098	−4 51 8.1	−17.432	+0.233	7.68	4.3614		+0.07 −0.3
1679	7.7	59 2.83	3.1426	+0.0103	−6 1 27.4	−17.408	+0.235	10.30, 10.97	5.3802		−0.01 −0.8
1680	7.9	59 25.73	3.1513	+0.0107	−6 44 54.7	−17.391	+0.236	8.36	6.3930		+0.13 0.0
1681	8.0	14 0 41.05	3.1152	+0.0092	−3 38 15.6	−17.336	+0.236	2.86	3.3580		
1682	7.8	0 59.41	3.1313	+0.0099	−4 59 24.3	−17.323	+0.238	6.17	4.3616		[4]
1683	8.0	1 7.35	3.1250	+0.0096	−4 27 18.2	−17.317	+0.237	7.52	4.3618		
1684	8.0	1 19.69	3.1664	+0.0113	−7 54 54.1	−17.308	+0.245	8.49	7.3770		
1685	7.3	4 42.31	3.1457	+0.0104	−6 2 21.1	−17.157	+0.245	6.15	5.3823		
1686	6.8	5 11.60	3.1388	+0.0102	−5 27 15.6	−17.135	+0.245	7.50	5.3824		+0.08 −0.6
1687	8.0	5 17.34	3.0987	+0.0086	−2 9 19.1	−17.130	+0.242	3.68	1.2916	+0.11 +1.7	+0.10 +0.8
1688	8.0	5 37.61	3.1068	+0.0089	−2 48 50.4	−17.115	+0.243	3.51	2.3800	dpl. pr.	
1689	7.2	5 56.27	3.1378	+0.0101	−5 20 21.5	−17.101	+0.246	8.16	5.3825		+0.07 −1.0
1690	7.7	6 6.51	3.1412	+0.0103	−5 36 32.6	−17.093	+0.247	12.25	5.3826		+0.02 −0.6
1691	8.0	6 49.64	3.1026	+0.0088	−2 27 13.8	−17.060	+0.245	9.54	2.3802		
1692	7.8	7 4.21	3.1069	+0.0090	−2 47 34.9	−17.049	+0.246	4.48, 4.65	2.3804		[5]
1693	7.0	7 29.29	3.1708	+0.0114	−7 55 42.8	−17.030	+0.251	12.43, 12.36	7.3794		+0.04 −0.1
1694	6.2	8 0.30	3.0765	+0.0079	−0 19 31.3	−17.005	+0.245	3.35	0.2796	0.00 +1.4	−0.10 +1.5[6]
1695	8.0	8 29.23	3.1540	+0.0108	−6 32 27.5	−16.983	+0.252	13.26	6.3952		
1696	7.2	8 37.49	3.1402	+0.0102	−5 26 9.1	−16.976	+0.251	10.48	5.3837		+0.04 +0.4[7]
1697	8.0	8 43.33	3.1257	+0.0097	−4 16 17.4	−16.972	+0.250	11.13	4.3643		
1698	7.2	9 53.56	3.1626	+0.0111	−7 9 8.8	−16.918	+0.255	10.11, 9.82	6.3955		+0.08 −0.5
1699	**4.0**	**10 14.75**	**3.1415**	**+0.0103**	**−5 28 31.1**	**−16.901**	**+0.254**			[4] **Virginis F.St.**	
1700	6.3	10 34.62	3.1497	+0.0106	−6 6 34.8	−16.885	+0.255	13.25	5.3845		+0.12 −0.1

[1] dpl. E.B.C. −0^s.0141, −0^s.014
[2] dpl. m.
[3] E.B.: +0^s.0020, −0^s.213
[4] E.B.C. −0^s.027, −0^s.12
[5] E.B.C. −0^s.0128, −0^s.284
[6] E.B.C. +0^s.0115, −0^s.155
N. +0.012, −0.17
[7] E.B.C. −0^s.0205, +0^s.80

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
1701	6.4	$14^h 10^m 48^s.12$	3.1064	+0.0090	$-2°41'\ 2''.1$	−16.875	+0.252	2.89	2,3812		−0.02 +0.2
1702	8.0	10 48.18	3.1606	+0.0110	−6 57 19.3	−16.875	+0.256	13.28	6,3960		
1703	7.0	11 3.57	3.1375	+0.0101	−5 7 58.5	−16.863	+0.255	12.45, 12.37	4,3056		−0.07 −0.4
1704	8.0	11 19.10	3.1209	+0.0095	−3 49 3.1	−16.850	+0.254	3.94	3,3003		+0.04 +0.4
1705	7.7	11 20.40	3.1389	+0.0102	−5 13 45.6	−16.849	+0.255	12.00	5,3848		
1706	7.2	12 9.52	3.1679	+0.0113	−7 27 23.5	−16.810	+0.259	13.25	7,3813		
1707	6.5	12 10.23	3.1624	+0.0111	−7 1 33.4	−16.810	+0.259	9.18	6,3964		−0.02 −0.9[1]
1708	7.7	12 10.94	3.1422	+0.0103	−5 27 46.0	−16.809	+0.257	11.65	5,3852		
1709	7.5	12 53.59	3.1560	+0.0108	−6 30 18.1	−16.775	+0.259	7.52	6,3965		
1710	7.8	12 44.55	3.0930	+0.0086	−1 35 30.5	−16.734	+0.250	4.15	1,2937	+0″.05 +0″.2	
1711	5.0	13 52.43	3.0951	+0.0086	−1 43 23.4	−16.728	+0.256	2.87	1,2938	−0.03 +0.2	+0.11 +0.2[2]
1712	7.6	13 54.48	3.1324	+0.0100	−4 38 27.0	−16.726	+0.259	7.19	4,3605		+0.15 0.0[3]
1713	6.5	14 6.39	3.1532	+0.0107	−6 14 20.5	−16.717	+0.261	9.20, 9.61	6,3972		−0.03 −0.8
1714	8.0	15 34.18	3.1340	+0.0100	−4 42 38.1	−16.646	+0.262	9.18	4,3670		
1715	7.3	16 13.20	3.1722	+0.0114	−7 35 14.4	−16.614	+0.266	7.57	7,3831		+0.06 −0.6
1716	6.7	16 18.47	3.0919	+0.0086	−1 29 5.2	−16.610	+0.260	3.63	1,2943	+0.01 +0.4	+0.14 +0.4[4]
1717	7.0	16 49.41	3.1683	+0.0112	−7 15 45.5	−16.584	+0.267	7.04	7,3834		+0.03 +0.3[5]
1718	8.0	17 23.43	3.1482	+0.0105	−5 43 52.1	−16.556	+0.266	8.67	5,3868		
1719	7.5	18 54.90	3.0970	+0.0088	−1 50 38.2	−16.481	+0.264	3.36	1,2951	+0.06 +1.2	0.00 +0.3
1720	8.0	20 14.78	3.1157	+0.0094	−3 12 58.2	−16.414	+0.268	4.01	3,3625		+0.08 −0.4
1721	6.5	21 37.91	3.1488	+0.0105	−5 37 25.6	−16.344	+0.273	8.31	5,3880		+0.10 −1.5
1722	7.3	22 22.49	3.1066	+0.0091	−2 30 37.1	−16.306	+0.271	7.01	2,3849		−0.09 +0.5
1723	**5.0**	**22 32.05**	**3.0961**	**+0.0088**	**−1 44 3.9**	**−16.298**	**+0.270**			9 **Virginis F.St.**	
1724	5.7	22 53.57	3.1602	+0.0109	−6 24 22.2	−16.280	+0.276	10.99	6,4000		+0.04 −1.4
1725	6.8	23 2.62	3.1371	+0.0101	−4 43 37.4	−16.272	+0.275	13.03, 13.14	4,3695		−0.05 −0.2
1726	8.0	23 24.53	3.1334	+0.0100	−4 26 38.1	−16.253	+0.275	11.16	4,3696		
1727	6.8	24 16.60	3.1242	+0.0097	−3 45 21.7	−16.209	+0.275	10.60, 10.81	3,3634		+0.07 +0.4
1728	7.7	24 46.80	3.1218	+0.0096	−3 34 30.3	−16.183	+0.276	8.33	3,3636		−0.10 −0.3
1729	8.0	24 59.87	3.1087	+0.0092	−2 37 11.0	−16.172	+0.275	3.86	2,3855		
1730	7.8	25 15.50	3.1461	+0.0104	−5 18 45.9	−16.158	+0.279	6.83	5,3896	dpl. m.	[6]
1731	7.8	27 32.57	3.1632	+0.0110	−6 27 2.4	−16.039	+0.284	7.85	6,4025		+0.14 −0.6
1732	8.0	27 52.57	3.1625	+0.0109	−6 23 8.1	−16.022	+0.284	7.71	6,4026		
1733	7.6	29 4.17	3.1315	+0.0099	−4 10 5.5	−15.959	+0.283	9.49	4,3713		
1734	7.5	29 40.24	3.1486	+0.0105	−5 21 1.7	−15.927	+0.286	11.81	5,3909		
1735	7.0	29 56.96	3.1882	+0.0118	−8 5 37.6	−15.912	+0.290	8.87	7,3874		0.00 −1.4
1736	7.3	29 57.95	3.1406	+0.0102	−4 47 7.1	−15.911	+0.286	9.01	4,3715		+0.04 −0.3[7]
1737	7.3	31 11.92	3.1270	+0.0098	−3 48 0.5	−15.844	+0.286	3.35	3,3648		
1738	6.8	31 24.52	3.1214	+0.0096	−3 24 44.6	−15.833	+0.286	3.89	3,3649		+0.01 −0.4
1739	7.4	32 6.48	3.1456	+0.0104	−5 4 13.1	−15.796	+0.289	8.00	4,3725		+0.03 +1.2
1740	7.0	32 45.55	3.1178	+0.0095	−3 8 1.7	−15.761	+0.288	8.33	2,3873		+0.03 0.0
1741	7.8	32 46.60	3.1692	+0.0111	−6 41 2.4	−15.760	+0.293	8.37	6,4041		−0.03 +0.1
1742	8.0	32 48.21	3.1110	+0.0093	−2 40 1.0	−15.759	+0.287	11.86	2,3874		
1743	7.8	33 13.12	3.1495	+0.0105	−5 18 37.3	−15.736	+0.291	9.36	5,3916		
1744	8.0	35 20.79	3.1010	+0.0090	−1 56 48.7	−15.620	+0.290	13.25	1,2972	+0.05 −1.2	
1745	8.0	35 30.25	3.1381	+0.0101	−4 28 5.1	−15.611	+0.294	6.53	4,3733		
1746	7.7	35 49.48	3.0955	+0.0089	−1 34 8.4	−15.594	+0.290	4.68	1,2973	+0.05 +1.0	+0.03 −0.4
1747	7.8	35 55.90	3.0860	+0.0086	−0 54 57.8	−15.588	+0.290	3.82	0,2855	+0.04 +0.7	+0.09 +0.5
1748	8.0	36 39.49	3.1407	+0.0102	−4 36 54.1	−15.548	+0.296	10.01	4,3736		
1749	**4.0**	**37 15.77**	**3.1493**	**+0.0104**	**−5 10 46.3**	**−15.514**	**+0.298**			μ **Virginis F.St.**	
1750	7.0	38 4.81	3.1028	+0.0091	−2 2 13.1	−15.469	+0.295	8.36	1,2981	−0.08 +1.6	0.00 −0.2

[1] E.B.C. +0″.0191, −0″.218
[2] E.B.N. −0″.0088, −0″.068
[3] E.B.C. −0″.0440, −0″.080
[4] E.B.N. −0″.0073, −0″.007
[5] dpl. m. E.B.C. 0″.0000, −0″.132
[6] E.B.C −0″.0181, −0″.030
[7] E.B.C. −0″.0264, 0″.000

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
1751	6.5	$14^h\ 38^m 23'68$	$3^s.1891$	$+0^s.0116$	$-7°\ 47'\ 13''.2$	$-15''.451$	$+0''.303$	11.01	7.3897		$-0^s.01\ +0^s.4$[1]
1752	7.6	38 35.57	3.1610	+0.0108	−5 55 19.4	−15.440	+0.301	10.37	5.3041		
1753	7.4	38 47.86	3.1157	+0.0095	−2 53 49.0	−15.429	+0.297	3.53	2.3890		
1754	7.8	39 31.95	3.1667	+0.0109	−6 16 14.8	−15.388	+0.303	8.36	6.4068		
1755	6.0	39 32.06	3.0868	+0.0087	−0 57 8.5	−15.388	+0.295	9.03, 9.97	0.2867	$+0^s.01\ +0^s.1$	$+0.03\ +0.4$[2]
1756	7.1	40 22.71	3.1833	+0.0114	−7 19 58.8	−15.340	+0.306	7.65	7.3903		$+0.04\ -0.8$
1757	7.8	40 32.60	3.1771	+0.0112	−6 55 12.9	−15.331	+0.305	8.89	6.4071		
1758	7.7	40 38.79	3.0781	+0.0084	−0 22 15.8	−15.325	+0.296	8.36	0.2875	$+0.02\ +2.7$	
1759	8.0	41 28.08	3.1296	+0.0098	−3 46 18.9	−15.279	+0.302	8.30	3.3673		$+0.04\ +0.3$
1760	7.3	42 15.36	3.1493	+0.0104	−5 2 44.5	−15.234	+0.305	9.19	4.3749		$+0.07\ +0.3$
1761	7.8	42 51.23	3.1742	+0.0111	−6 38 51.0	−15.200	+0.308	9.85	6.4077		$+0.07\ +0.2$
1762	6.7	43 15.05	3.0785	+0.0085	−0 23 22.2	−15.177	+0.300	3.50	0.2886	$0.00\ +0.9$	$-0.06\ +0.5$ [3]
1763	8.0	43 18.60	3.1535	+0.0105	−5 17 30.6	−15.174	+0.307	10.02	5.3952		
1764	6.8	43 32.92	3.1962	+0.0117	−8 2 43.8	−15.160	+0.312	7.68	7.3909		$+0.05\ -0.6$
1765	8.0	43 33.97	3.1542	+0.0107	−5 19 59.5	−15.159	+0.308	10.91	5.3953		
1766	8.0	44 50.37	3.1027	+0.0116	−7 46 9.3	−15.086	+0.313	8.04	7.3912		
1767	7.9	45 7.66	3.1292	+0.0098	−3 40 44.6	−15.070	+0.307	3.03	3.3680		
1768	4.5	45 18.73	3.1009	+0.0091	−1 50 25.0	−15.059	+0.305	6.84	1.2991	$-0.03\ -0.1$	$-0.10\ +0.5$[4]
1769	7.3	48 13.20	3.1528	+0.0104	−5 7 15.3	−14.889	+0.314	6.86	4.3770		
1770	7.5	48 36.36	3.1976	+0.0116	−7 56 22.2	−14.867	+0.319	7.88	7.3921		$+0.03\ -0.3$
1771	8.8	48 39.79	3.0948	+0.0089	−1 25 22.4	−14.863	+0.309	3.41	1.2996	$+0.22\ +2.2$	
1772	8.3	48 42.85	3.1820	+0.0112	−6 57 2.4	−14.860	+0.318	8.38	6.4101	1 Beob.	
1773	7.7	49 13.28	3.1226	+0.0096	−3 11 0.0	−14.831	+0.313	3.20	3.3687		$+0.02\ +0.3$
1774	8.0	49 23.22	3.1806	+0.0112	−6 50 42.2	−14.821	+0.319	8.55	6.4102		$-0.02\ -0.1$
1775	7.5	50 27.38	3.1666	+0.0108	−5 55 56.9	−14.758	+0.319	10.12, 9.67	5.3966		$+0.06\ -1.3$[5]
1776	8.0	51 20.90	3.1691	+0.0108	−6 4 4.2	−14.705	+0.320	7.73, 7.61	5.3971		
1777	4.8	51 26.36	3.1345	+0.0099	−3 53 51.7	−14.699	+0.317	3.56	3.3696		$+0.09\ +1.1$[6]
1778	7.6	51 58.38	3.1296	+0.0098	−3 35 13.7	−14.677	+0.317	3.20	3.3698		
1779	8.0	52 47.68	3.1685	+0.0108	−5 59 10.5	−14.618	+0.323	7.87	5.3977		
1780	6.5	53 8.89	3.1454	+0.0102	−4 32 43.5	−14.597	+0.321	7.70	4.3783		$+0.13\ -0.4$[7]
1781	**5.6**	**55 5.68**	**3.2038**	**+0.0116**	**−8 4 55.0**	**−14.480**	**+0.329**			**δ Librae F.St.**	
1782	5.0	55 36.95	3.1101	+0.0093	−2 19 5.8	−14.448	+0.321	3.19	2.3928	$+0.04\ +0.2$	$+0.01\ 0.0$
1783	6.5	55 51.89	3.1167	+0.0094	−2 43 32.8	−14.434	+0.322	3.56	2.3930		$+0.08\ 0.0$
1784	7.0	56 11.62	3.2017	+0.0116	−7 54 38.0	−14.413	+0.331	8.54	7.3943		$+0.03\ 0.0$
1785	6.5	56 17.27	3.1890	+0.0112	−7 8 26.2	−14.407	+0.330	11.47	7.3944		$+0.03\ -0.4$
1786	7.1	56 38.40	3.1936	+0.0113	−7 24 21.8	−14.386	+0.331	11.97	7.3946		$-0.01\ -0.2$
1787	7.0	57 2.06	3.1150	+0.0094	−2 35 49.9	−14.361	+0.323	6.86	2.3933		$+0.08\ +0.4$
1788	8.0	57 45.32	3.1898	+0.0112	−7 8 22.4	−14.318	+0.332	9.05	6.4124		
1789	7.7	58 18.28	3.1787	+0.0109	−6 27 22.9	−14.284	+0.332	8.06	6.4125		[8]
1790	7.7	58 35.76	3.1982	+0.0114	−7 36 58.3	−14.266	+0.334	7.90	7.3953		
1791	8.0	58 45.07	3.0803	+0.0086	−0 28 30.8	−14.257	+0.322	3.20	0.2921	$+0.05\ +0.7$	
1792	7.3	59 41.98	3.1815	+0.0110	−6 35 7.1	−14.198	+0.334	8.39	6.4130		$+0.17\ -0.7$
1793	7.8	15 0 1.62	3.0982	+0.0090	−1 33 26.6	−14.178	+0.326	3.56	1.3014	$-0.03\ -0.6$	$+0.02\ -0.1$
1794	8.0	2 21.37	3.1978	+0.0113	−7 28 33.9	−14.033	+0.339	7.91	7.3963		$+0.07\ +1.0$[9]
1795	7.5	2 21.40	3.1282	+0.0096	−3 20 2.7	−14.033	+0.332	3.19	3.3730		$+0.08\ -1.0$
1796	7.5	3 1.09	3.1687	+0.0106	−5 44 12.6	−13.992	+0.337	7.21	5.4017		
1797	8.0	3 12.50	3.1327	+0.0097	−3 35 25.7	−13.980	+0.333	3.56	3.3733		
1798	7.0	3 18.10	3.1361	+0.0103	−4 58 22.4	−13.943	+0.337	10.00	4.3817		$-0.02\ -1.2$
1799	8.0	3 52.72	3.1300	+0.0096	−3 25 25.9	−13.937	+0.334	6.86	3.3736		
1800	7.9	4 6.15	3.1787	+0.0108	−6 17 51.2	−13.924	+0.340	9.38	6.4146		

[1] E.B.C. $-0^s.0160$, $+0^s.077$ [2] E.B.C. $+0^s.0036$, $-0''.132$ [4] E.B.C. $+0^s.0036$, $-0''.132$ [6] E.B.C. $-0^s.0078$, $-0''.167$ [8] E.B.C. $-0^s.0177$, $-0^s.050$
[3] E.B.N. $-0^s.0006$, $+0^s.04$ N. $+0.0037$, -0.132 [5] B.B.C. $-0^s.0112$, $-0''.133$ [7] E.B.C. $-0^s.0267$, $-0''.109$ [9] E.B.C. $-0^s.0126$, $-0''.446$

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
1801	7.8	$15^h\ 4^m 19^s.39$	3.0803	+0.0085	−0° 27′ 37.0	−13.910	+0.330	10.37	0.2936	−0.05 +0.3	+0.02 0.0
1802	7.0	5 53.38	3.1037	+0.0090	−1 50 34.8	−13.811	+0.334	3.03	1.3030	0.00 −0.4	+0.08 +0.1
1803	8.0	5 56.93	3.1585	+0.0103	−5 3 57.7	−13.807	+0.340	7.20	4.3827		
1804	8.0	7 16.37	3.1284	+0.0096	−3 16 39.5	−13.723	+0.338	3.55	3.3714		
1805	8.0	7 24.00	3.1450	+0.0099	−4 15 8.6	−13.714	+0.340	7.92	4.3832		
1806	7.0	8 20.00	3.0883	+0.0087	−0 55 28.2	−13.655	+0.336	9.47	0.2944	−0.33 −1.9	+0.05 −1.2[1]
1807	6.7	8 44.76	3.1238	+0.0094	−2 57 12.5	−13.628	+0.340	4.69	2.3960		+0.07 +0.9
1808	6.3	9 2.61	3.1600	+0.0102	−5 5 34.1	−13.609	+0.344	7.20	4.3840		+0.05 −0.4
1809	8.0	9 15.42	3.1069	+0.0091	−2 0 15.3	−13.595	+0.339	12.83	1.3041	+0.04 −1.2	
1810	8.0	10 13.67	3.1819	+0.0107	−6 19 43.8	−13.533	+0.348	10.85	6.4104		+0.06 −0.2
1811	7.5	10 14.31	3.1500	+0.0100	−4 29 22.1	−13.532	+0.345	11.60, 11.33	4.3847		
1812	7.5	11 0.03	3.2094	+0.0113	−7 52 22.0	−13.483	+0.352	12.63	7.3992		+0.03 −0.7[2]
1813	7.5	11 20.64	3.2021	+0.0112	−7 27 5.5	−13.461	+0.352	12.00	7.3994		
1814	7.3	11 30.30	3.1380	+0.0097	−3 46 41.4	−13.450	+0.345	3.55	3.3757		+0.05 +0.6
1815	7.5	11 54.03	3.1559	+0.0101	−4 47 51.8	−13.425	+0.348	12.63	4.3855		−0.10 −0.4
1816	7.3	11 55.82	3.1436	+0.0098	−4 5 25.6	−13.423	+0.346	13.12	3.3758		
1817	7.7	12 1.05	3.0826	+0.0085	−0 34 52.0	−13.417	+0.340	9.66	0.2948	−0.02 +0.1	
1818	7.3	12 41.42	3.2124	+0.0113	−7 59 39.1	−13.373	+0.355	8.89	7.3999		
1819	8.0	12 55.54	3.1143	+0.0092	−2 23 48.1	−13.358	+0.344	8.31	2.3972		
1820	7.3	13 15.54	3.0933	+0.0088	−1 11 29.0	−13.336	+0.343	11.20	1.3045	−0.11 −0.6	−0.17 −0.9
1821	6.7	14 48.59	3.1555	+0.0100	−4 43 16.4	−13.234	+0.351	7.41	4.3866		+0.02 −0.6
1822	6.5	15 6.67	3.1078	+0.0090	−2 0 35.0	−13.213	+0.347	3.22	1.3047	−0.04 +0.7	+0.17 +1.6[3]
1823	7.0	15 18.55	3.1821	+0.0106	−6 12 56.8	−13.202	+0.355	8.24	6.4181		0.00 −0.9
1824	6.0	15 18.90	3.1681	+0.0103	−5 25 37.8	−13.201	+0.353	9.55	5.4057		+0.03 −0.1
1825	7.0	15 42.83	3.1861	+0.0106	−6 25 45.1	−13.175	+0.356	12.54	6.4183		+0.01 −0.7
1826	7.3	17 35.32	3.1830	+0.0105	−6 12 50.3	−13.051	+0.358	7.76	6.4193		[4]
1827	**6.4**	**18 3.46**	**3.0837**	**+0.0085**	**−0 37 46.4**	**−13.019**	**+0.348**			**8 Serpentis F.St.**	
1828	7.7	18 42.48	3.0753	+0.0084	−0 9 13.5	−12.976	+0.348	12.95	0.2963	−0.04 +1.7	
1829	7.5	19 14.63	3.1773	+0.0104	−5 51 24.2	−12.940	+0.360	8.42	5.4069		
1830	7.7	19 17.40	3.1714	+0.0102	−5 31 47.1	−12.937	+0.359	11.01, 11.32	5.4070		+0.03 −1.3
1831	7.5	20 4.80	3.0880	+0.0086	−0 51 57.2	−12.884	+0.351	8.29	0.2965	−0.10 +0.8	−0.02 +0.2
1832	8.0	21 19.17	3.1699	+0.0102	−5 25 56.5	−12.801	+0.361	7.76	5.4079		
1833	8.0	22 15.16	3.2109	+0.0110	−7 38 6.6	−12.738	+0.367	8.43	7.4030		+0.06 −0.1
1834	7.8	22 23.17	3.1821	+0.0104	−6 3 12.3	−12.729	+0.364	10.03	5.4081		
1835	7.9	22 33.38	3.1742	+0.0102	−5 37 14.4	−12.718	+0.363	12.17	5.4083		
1836	7.8	23 7.66	3.1793	+0.0103	−5 53 16.4	−12.679	+0.365	10.85	5.4086		
1837	7.3	24 13.43	3.1904	+0.0105	−6 27 59.0	−12.605	+0.367	7.76	6.4219		+0.06 −0.4
1838	8.0	26 7.77	3.1116	+0.0089	−2 8 22.1	−12.474	+0.361	3.23, 3.37	2.4009	+0.06 −0.8	+0.11 0.0
1839	8.0	27 12.34	3.2148	+0.0109	−7 42 32.6	−12.397	+0.374	8.25	7.4047		
1840	6.9	27 17.91	3.0874	+0.0085	−0 48 44.2	−12.394	+0.359	12.54	0.2982	−0.07 +1.4	−0.06 +0.3[5]
1841	7.9	27 54.59	3.1265	+0.0092	−2 55 57.9	−12.352	+0.365	5.37	2.4014		
1842	6.5	28 32.11	3.1709	+0.0100	−5 19 31.8	−12.309	+0.370	9.25	5.4100		−0.01 −1.1
1843	8.0	28 34.30	3.1158	+0.0089	−2 20 59.5	−12.306	+0.364	11.32	2.4015		
1844	7.8	28 47.71	3.1200	+0.0090	−2 34 20.0	−12.291	+0.365	6.51	2.4016		[6]
1845	8.0	28 48.01	3.2162	+0.0108	−7 44 45.6	−12.289	+0.376	12.84	7.4054		
1846	8.2	29 3.99	3.2164	+0.0108	−7 45	−12.273	+0.376	2.97	7.4055	3 Beob. nur in α	
1847	7.7	30 10.47	3.2078	+0.0106	−7 15 55.6	−12.195	+0.377	8.25	7.4056		−0.05 +0.4
1848	7.8	30 22.69	3.1845	+0.0102	−6 1 2 0	−12.178	+0.374	7.92	5.4112		
1849	8.0	30 36.36	3.1744	+0.0100	−5 28 25.0	−12.165	+0.373	11.49	5.4114		
1850	6.8	30 55.04	3.0762	+0.0082	−0 11 45.5	−12.144	+0.362	8.20	0.2988	+0.03 +0.5	+0.01 −0.7[7]

[1] E.B.C. −0°.0863, −0°.504
N. −0.0864, −0.481
[2] E.B.C. −0°.0076, −0°.228
[3] E.B.C. −0°.019, −0°.204
N. −0.022, −0.18
B. −0.0205, −0.186
[4] E.B.C. 0°.0000, −0°.161
[5] E.B. in α^2
[6] E.B.N. −0°.0007, −0°.046
[7] E.B.N. −0°.0030, −0°.014

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Rädel.	
1851	7.0	$15^h 31^m$ 2.69	3^s.1780	+0.0100	−5° 39′ 42.7	−12.135	+0.374	10.35	5.4117		+0.05	−0.2
1852	7.1	32 0.67	3.1330	+0.0092	−3 14 27.5	−12.067	+0.370	3.54	3.3806		0.00	+0.1
1853	8.0	32 9.87	3.1671	+0.0098	−5 3 32.8	−12.057	+0.374	12.87, 12.83	4.3936			
1854	8.0	32 11.73	3.2096	+0.0106	−7 18 44.9	−12.055	+0.379	12.30, 12.22	7.4069			
1855	8.0	32 26.00	3.1806	+0.0100	−5 46 9.9	−12.038	+0.376	7.76	5.4125			
1856	8.0	33 0.28	3.0992	+0.0086	−1 25 31.3	−11.998	+0.367	8.06	1.3074	+0.03	+1.2	−0.02 −0.5[1]
1857	8.0	33 6.53	3.1187	+0.0089	−2 28 8.0	−11.991	+0.370	8.97, 8.55	2.4030	schwach		
1858	8.0	33 30.32	3.1788	+0.0099	−5 37 21.1	−11.822	+0.380	8.08	5.4139			
1859	7.9	33 41.74	3.1155	+0.0088	−2 16 47.9	−11.808	+0.372	3.38	2.4034	+0.05	+0.1	+0.08 +0.1
1860	7.0	33 54.17	3.1879	+0.0100	−6 5 25.5	−11.794	+0.381	7.76	5.4143			+0.06 0.0
1861	8.0	38 40.73	3.1390	+0.0091	−3 29 22.8	−11.596	+0.379	3.38	3.3820			
1862	7.2	39 37.11	3.1836	+0.0098	−5 47 58.2	−11.529	+0.385	7.76	5.4158			+0.07 0.0
1863	5.5	40 24.23	3.1005	+0.0084	−1 27 32.7	−11.473	+0.376	11.02, 10.75	1.3002	−0.01	−5.6	0.00 −0.8[2]
1864	8.0	40 44.34	3.1438	+0.0091	−3 42 58.1	−11.449	+0.381	3.73	3.3824			
1865	6.3	40 54.74	3.1836	+0.0098	−5 46 39.0	−11.436	+0.386	8.08	5.4161			−0.01 −0.9
1866	7.7	41 19.78	3.2292	+0.0106	−8 6 36.9	−11.406	+0.392	10.34	7.4101			
1867	8.0	41 34.04	3.1645	+0.0094	−4 46 38.9	−11.389	+0.385	11.71, 11.56	4.3975	schwach		
1868	7.8	42 24.53	3.1583	+0.0093	−4 26 43.4	−11.329	+0.385	12.04	4.3977			+0.05 −0.8[3]
1869	6.0	43 11.10	3.1388	+0.0090	−3 28 51.0	−11.273	+0.384	13.12	3.3829			−0.06 −0.8
1870	7.5	43 13.25	3.0853	+0.0081	−0 39 47.4	−11.270	+0.377	13.27, 13.25	0.3011	−0.05	+1.4	
1871	8.0	43 29.54	3.1620	+0.0093	−4 37 26.4	−11.250	+0.387	10.20	4.3982			
1872	7.8	43 29.98	3.1044	+0.0084	−1 39 1.5	−11.250	+0.380	12.90	1.3103	−0.07	−0.4	
1873	**3.3**	**43 52.73**	**3.1324**	**+0.0088**	**−3 5 34.8**	**−11.222**	**+0.383**			*μ* **Serpentis F.St.**		
1874	7.2	44 11.68	3.1420	+0.0090	−3 35 6.1	−11.199	+0.385	13.14, 13.25	3.3833			
1875	5.6	45 31.80	3.1261	+0.0087	−2 45 25.1	−11.102	+0.384	12.96	2.4058			−0.01 +0.1
1876	7.3	45 54.65	3.2234	+0.0103	−7 42 41.3	−11.074	+0.397	7.76	7.4118			+0.08 +0.2
1877	8.3	46 30.42	3.1505	+0.0090	−3 59 40.8	−11.031	+0.389	5.88	3.3836			
1878	8.0	46 52.79	3.1033	+0.0083	−1 34 37.0	−11.004	+0.383	5.59	1.3109	0.00	+0.8	
1879	8.0	46 55.20	3.0862	+0.0081	−0 42 3.1	−11.001	+0.381	12.30	0.3026	−0.09	+0.8	+0.03 +0.6
1880	7.5	47 39.02	3.1254	+0.0086	−2 42 1.5	−10.947	+0.387	6.33	2.4064			+0.05 +0.5
1881	8.0	47 53.05	3.1540	+0.0090	−4 9 29.3	−10.930	+0.390	8.08	4.3995			+0.09 +0.5[4]
1882	7.0	50 12.82	3.1088	+0.0083	−1 50 25.4	−10.759	+0.387	5.73	1.3118	−0.03	−0.2	+0.07 −0.2[5]
1883	7.8	51 14.96	3.2015	+0.0097	−6 30 27.9	−10.682	+0.400	7.76	6.4317			
1884	7.0	51 17.02	3.1910	+0.0095	−5 58 36.9	−10.680	+0.398	8.25	5.4199			+0.06 0.0
1885	7.8	51 19.90	3.1731	+0.0092	−5 4 42.6	−10.676	+0.396	11.02	4.4007			+0.11 +0.3
1886	8.0	51 21.51	3.0809	+0.0079	−0 25 31.2	−10.674	+0.385	4.41	0.3040	−0.02	+1.2	
1887	7.8	52 42.76	3.1097	+0.0096	−6 23 16.1	−10.574	+0.401	10.91	6.4324			
1888	7.9	53 10.18	3.1273	+0.0085	−2 45 33.0	−10.539	+0.393	6.69	2.4085			[6]
1889	6.3	53 47.49	3.2122	+0.0097	−6 50 16.3	−10.493	+0.404	8.73	6.4330			+0.12 +0.2
1890	7.0	53 55.57	3.1885	+0.0093	−5 48 47.6	−10.483	+0.401	8.89	5.4210			+0.06 −0.1
1891	7.7	53 58.56	3.2067	+0.0096	−6 42 47.0	−10.479	+0.403	10.21	6.4331			
1892	8.0	54 27.37	3.2227	+0.0099	−7 29 44.4	−10.444	+0.406	12.17	7.4159			
1893	5.4	54 51.29	3.2351	+0.0100	−8 5 58.1	−10.414	+0.408	10.42	7.4162			+0.11 −0.4
1894	7.0	55 55.62	3.1417	+0.0086	−3 27 19.1	−10.334	+0.397	7.35	3.3859			−0.03 −0.6
1895	7.2	56 27.23	3.0828	+0.0078	−0 30 45.6	−10.295	+0.390	10.22	0.3048	0.00	−0.4	0.00 +0.2
1896	8.0	56 56.47	3.1398	+0.0085	−3 20 57.2	−10.257	+0.398	12.85	3.3864			
1897	7.5	57 3.01	3.2287	+0.0098	−7 44 20.4	−10.249	+0.409	8.58	7.4174			
1898	7.8	57 4.75	3.0747	+0.0076	−0 6 21.8	−10.247	+0.390	8.83	0.3049	0.00	+1.0	
1899	7.9	57 5.08	3.1159	+0.0082	−2 9 49.6	−10.247	+0.395	12.68	2.4094	−0.09	+0.4	−0.09 +0.6[7]
1900	7.0	57 12.74	3.1838	+0.0091	−5 31 40.2	−10.237	+0.404	9.23	5.4221			+0.05 −0.6

[1] Nie.Gr. 8.9
[2] E.B.N. −0.0040, −0.0026
[3] E.B.C. −0.0111, +0.0015
[4] schwach
[5] dpl. s. Nie.Gr. 8.4
[6] E.B.C. −0.0191, +0.0090
[7] schwach

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
1901	8.0	$15^h 57^m 16^s.79$	3.0995	+0.0079	−1° 20′ 36″.4	−10″.232	+0″.393	13.12	1.3129	−0″.14 −0″.1	
1902	7.9	59 2.13	3.0898	+0.0078	−0 51 26.2	−10.100	+0.394	10.39	0.3052	−0.13 +0.7	+0.03 +0.4[1]
1903	6.8	59 22.97	3.1377	+0.0084	−3 13 37.2	−10.073	+0.400	8.34	3.3870		−0.08 −0.9
1904	7.8	59 34.93	3.1939	+0.0092	−5 59 25.1	−10.058	+0.407	11.05	5.4231		+0.08 +0.1
1905	7.7	59 36.41	3.1341	+0.0083	−3 2 49.4	−10.056	+0.400	8.40	2.4105		−0.01 −1.1
1906	6.3	59 52.28	3.1940	+0.0092	−5 59 29.4	−10.036	+0.408	7.77	5.4234		+0.05 −0.3
1907	6.7	16 0 8.46	3.1910	+0.0091	−5 50 25.1	−10.016	+0.408	11.36	5.4235		+0.05 +0.3
1908	7.8	0 33.45	3.1629	+0.0087	−4 27 20.8	−9.984	+0.404	12.32	4.4042		
1909	8.4	0 38.10	3.1339	+0.0083	−3 1 44.9	−9.978	+0.401	12.39	2.4108	1 Beob.	
1910	7.5	1 14.72	3.1452	+0.0084	−3 34 50.6	−9.932	+0.403	13.10	3.3875		
1911	8.0	1 20.60	3.1537	+0.0085	−3 59 57.3	−9.923	+0.404	11.67	3.3876		
1912	7.8	1 47.79	3.2290	+0.0096	−7 39 40.7	−9.890	+0.414	11.26	7.4198		
1913	8.0	1 52.75	3.1204	+0.0081	−2 21 19.4	−9.884	+0.400	8.36	2.4113		
1914	7.5	3 5.01	3.2350	+0.0086	−7 55 34.3	−9.792	+0.416	9.38	7.4205		
1915	8.0	3 20.57	3.1577	+0.0085	−4 10 27.8	−9.772	+0.406	11.86	4.4052		+0.04 −1.2
1916	6.1	4 5.09	3.1374	+0.0082	−3 10 35.8	−9.715	+0.405	6.08	3.3884		+0.08 −0.5
1917	7.8	4 17.19	3.0996	+0.0077	−1 19 29.7	−9.700	+0.400	9.44, 9.98	1.3137	−0.03 −0.5	−0.01 +0.9
1918	7.7	4 51.45	3.2374	+0.0095	−8 0 39.9	−9.656	+0.418	8.24	7.4218		−0.04 0.0
1919	7.2	7 3.99	3.1021	+0.0077	−1 26 19.4	−9.486	+0.403	11.50	1.3144	−0.07 −0.7	−0.09 −0.6
1920	6.5	7 9.35	3.1536	+0.0083	−3 56 15.8	−9.479	+0.409	8.53	3.3891		−0.10 −0.9
1921	7.5	7 32.66	3.0774	+0.0074	−0 14 12.2	−9.450	+0.400	13.31	0.3078	−0.04 −1.9	−0.08 0.0
1922	8.0	7 34.04	3.0955	+0.0076	−1 7 5.7	−9.448	+0.402	13.27	1.3147	−0.10 −1.9	−0.01 +1.2
1923	7.3	7 38.89	3.1502	+0.0082	−3 46 10.7	−9.441	+0.410	13.35	3.3896		
1924	7.0	7 49.29	3.2349	+0.0094	−7 50 12.4	−9.428	+0.420	11.37	7.4233		−0.11 −0.1
1925	6.8	7 57.85	3.0971	+0.0076	−1 11 39.2	−9.417	+0.403	13.26	1.3149	−0.05 +1.1	+0.01 −1.0
1926	8.0	7 59.81	3.2097	+0.0090	−6 37 35.2	−9.415	+0.417	12.69	6.4386		−0.02 −0.6
1927	8.0	8 19.37	3.1526	+0.0082	−3 52 41.5	−9.389	+0.410	13.14	3.3901		
1928	**3.0**	**8 34.83**	**3.1429**	**+0.0081**	**−3 24 37.7**	**−9.369**	**+0.409**			**δ Ophiuchi F.St.**	
1929	8.0	9 16.33	3.2196	+0.0091	−7 4 59.4	−9.316	+0.420	13.32	6.4391		
1930	7.5	9 22.60	3.1035	+0.0076	−1 29 48.3	−9.308	+0.405	13.32	1.3157	−0.04 −1.3	
1931	5.9	9 38.51	3.2407	+0.0093	−8 4 40.1	−9.287	+0.423	11.25	7.4242		+0.01 −0.9[2]
1932	7.2	10 38.95	3.1010	+0.0075	−1 22 27.9	−9.209	+0.406	8.65	1.3161	−0.05 +0.5	−0.01 −0.5[3]
1933	6.8	10 57.96	3.1811	+0.0085	−5 13 22.1	−9.184	+0.417	10.57	5.4266		+0.05 −0.3
1934	6.0	11 8.13	3.1490	+0.0081	−3 40 48.8	−9.171	+0.412	8.33	3.3910		−0.05 −0.2
1935	**3.3**	**12 30.02**	**3.1648**	**+0.0082**	**−4 25 25.6**	**−9.065**	**+0.416**			**ε Ophiuchi F.St.**	
1936	8.0	13 11.17	3.2202	+0.0089	−7 3 3.2	−9.011	+0.423	12.64	6.4399		
1937	6.9	13 15.78	3.2108	+0.0087	−6 36 19.7	−9.005	+0.422	10.84	6.4400		+0.04 −0.1
1938	8.0	16 45.70	3.1563	+0.0079	−3 59 2.0	−8.730	+0.418	5.57	3.3929		
1939	8.9	16 48.21	3.1558	+0.0079	−3 57 32.3	−8.727	+0.418	5.60, 3.91	3.3930		
1940	6.7	16 56.34	3.1108	+0.0074	−1 49 13.3	−8.717	+0.412	4.61	1.3174	−0.01 +0.4	+0.01 −0.5
1941	7.3	17 4.93	3.2193	+0.0086	−6 57 1.0	−8.705	+0.427	7.59	6.4419		
1942	7.0	17 26.26	3.0851	+0.0071	−0 35 51.4	−8.677	+0.409	9.74	0.3105	−0.04 −0.3	−0.07 −0.2
1943	8.0	17 30.78	3.0819	+0.0070	−0 26 39.1	−8.671	+0.409	12.67	0.3106	−0.11 −3.2	
1944	7.0	18 56.09	3.1197	+0.0074	−2 13 59.6	−8.559	+0.415	8.13	2.4179	−0.04 −0.8	+0.07 −0.1
1945	8.0	19 8.60	3.1193	+0.0074	−2 12 59.8	−8.543	+0.415	9.75, 8.88	2.4180	+0.01 −0.2	+0.01 −0.5
1946	7.7	19 46.45	3.1490	+0.0077	−3 36 51.2	−8.493	+0.419	3.57	3.3939		+0.01 −0.5
1947	7.8	19 47.08	3.1922	+0.0082	−5 38 42.9	−8.492	+0.425	7.91, 7.88	5.4292		−0.01 0.0
1948	6.1	21 47.74	3.2293	+0.0085	−7 20 45.0	−8.332	+0.432	7.29	7.4292		+0.05 +0.3[4]
1949	7.2	22 52.30	3.2112	+0.0086	−7 52 55.4	−8.246	+0.434	7.78	7.4299		−0.04 −0.1[5]
1950	7.0	24 34.36	3.2286	+0.0083	−7 16 26.2	−8.110	+0.434	7.62	7.4305		0.00 −0.6

[1] E.B.C. −0″.0131, −0″.007
N. −0.010, −0.05
B. −0.0154, −0.078

[2] E.B.C. +0″.0127, −0″.504
[3] E.B.N. in α −0″.0070

[4] E.B.C. 0″.0000, −0″.175
[5] E.B.C. −0″.0040, −0″.052

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
1951	8.0	$16^h 24^m 57^s.91$	3.1461	+0.0074	−3° 26′ 21″.1	−8.079	+0.424	4.91	3.3953		
1952	7.7	25 21.67	3.2377	+0.0084	−7 40 52.7	−8.047	+0.436	7.61	7.4310		+0.02 −0.6
1953	7.9	25 53.53	3.2184	+0.0081	−6 47 7.0	−8.005	+0.434	8.61	6.4446		
1954	7.0	27 35.91	3.1591	+0.0074	−4 1 37.9	−7.868	+0.427	4.92	3.3961		+0.02 0.0
1955	7.8	28 5.29	3.1704	+0.0076	−4 49 24.3	−7.828	+0.430	7.79	4.4128		+0.04 +0.3
1956	8.0	28 11.40	3.1491	+0.0073	−3 33 29.3	−7.820	+0.426	5.71, 5.60	3.3964		
1957	7.8	28 35.80	3.1909	+0.0078	−5 54 18.3	−7.787	+0.433	7.45	5.4318		+0.02 +0.3
1958	7.8	28 36.43	3.2439	+0.0082	−7 55 6.4	−7.786	+0.439	8.61	7.4324		−0.02 −0.8
1959	**5.8**	**30 34.72**	**3.1176**	**+0.0070**	**−2 5 21.1**	**−7.627**	**+0.423**			**12 Ophiuchi F.St.**	
1960	7.8	30 55.84	3.2041	+0.0077	−6 4 10.0	−7.599	+0.436	9.73	5.4323		
1961	6.2	32 8.06	3.2097	+0.0077	−6 18 56.9	−7.501	+0.437	12.95, 12.92	6.4167		+0.07 +0.4
1962	7.5	32 30.43	3.2233	+0.0078	−6 55 52.5	−7.471	+0.440	11.73	6.4169		
1963	8.0	32 35.12	3.1205	+0.0068	−2 12 44.1	−7.464	+0.426	7.60	2.4219	−0.05 −0.3	schw. N.Gr. 8.6 [1]
1964	6.7	32 52.83	3.0944	+0.0066	−1 0 39.4	−7.440	+0.422	11.65	0.3153	+0.02 −0.1	−0.10 −0.4
1965	7.5	33 33.40	3.1059	+0.0066	−1 32 24.6	−7.386	+0.424	12.29	1.3225	−0.01 +0.9	
1966	7.3	33 39.22	3.1352	+0.0069	−2 53 19.8	−7.378	+0.428	3.43	2.4226		+0.6 0.00
1967	7.8	33 39.44	3.2316	+0.0078	−7 17 38.5	−7.377	+0.441	8.28	7.4337		
1968	8.0	33 55.98	3.1465	+0.0070	−3 24 7.8	−7.355	+0.430	8.82	3.3974		
1969	6.6	34 9.55	3.2002	+0.0075	−5 51 40.8	−7.336	+0.438	7.62	5.4334		+0.02 −0.5
1970	7.0	35 23.74	3.1298	+0.0068	−2 37 46.8	−7.236	+0.429	8.39	2.4230		−0.07 +0.7 [2]
1971	6.5	35 31.17	3.0896	+0.0064	−0 47 10.3	−7.226	+0.424	11.31	0.3168	−0.03 +0.6	−0.06 +0.3
1972	8.0	35 34.39	3.1598	+0.0070	−4 0 8.8	−7.221	+0.433	12.35	3.3978		
1973	7.3	37 24.57	3.1587	+0.0069	−3 56 28.2	−7.071	+0.434	11.34	3.3982		−0.06 −0.1
1974	8.0	37 35.54	3.2464	+0.0077	−7 54 36.6	−7.056	+0.446	7.47	7.4347		
1975	7.5	38 2.20	3.0851	+0.0063	−0 34 36.6	−7.020	+0.425	10.33	0.3172	−0.05 −0.3	−0.02 −0.1
1976	8.0	38 12.56	3.1256	+0.0066	−2 25 26.7	−7.006	+0.430	8.01	2.4235		
1977	7.9	38 38.62	3.0802	+0.0062	−0 21 2.8	−6.970	+0.424	5.60	0.3174	−0.01 +0.2	
1978	8.0	39 20.51	3.0815	+0.0062	−0 24 38.0	−6.913	+0.425	7.27	0.3176	+0.02 +0.4	
1979	6.9	39 26.17	3.1357	+0.0066	−2 52 51.4	−6.905	+0.432	8.24	2.4242		0.00 −0.1
1980	8.0	40 6.25	3.0849	+0.0062	−0 33 37.9	−6.850	+0.426	10.67	0.3178		
1981	7.8	40 52.64	3.1384	+0.0066	−2 59 43.4	−6.786	+0.434	3.28	2.4246		
1982	6.9	43 2.52	3.1678	+0.0067	−4 19 6.5	−6.608	+0.439	7.47	4.4165		−0.02 0.0
1983	6.2	44 37.89	3.1269	+0.0063	−2 27 44.7	−6.476	+0.434	4.60	2.4259		−0.02 −0.3
1984	8.0	44 43.14	3.1485	+0.0064	−3 26 11.0	−6.469	+0.437	3.90	3.4008		
1985	7.8	46 22.82	3.1969	+0.0067	−5 36 6.4	−6.331	+0.445	7.62	5.4364		
1986	7.0	46 22.87	3.1304	+0.0062	−2 36 44.4	−6.331	+0.436	5.79	2.4265		+0.06 −0.9
1987	8.0	46 32.33	3.1564	+0.0064	−3 46 51.0	−6.318	+0.440	11.38	3.4014		
1988	7.3	46 39.98	3.1828	+0.0066	−4 57 51.7	−6.308	+0.443	7.98	4.4185		−0.02 +0.3
1989	7.8	47 29.89	3.2346	+0.0070	−7 16 12.0	−6.238	+0.451	11.67	7.4369		0.00 −0.9
1990	7.2	47 48.89	3.0935	+0.0059	−0 56 49.4	−6.212	+0.432	3.81, 3.75	0.3197	+0.07 +1.7	+0.10 −0.5
1991	6.8	47 56.56	3.1615	+0.0064	−4 8 10.3	−6.201	+0.442	12.09, 12.19	4.4191		−0.05 −0.6
1992	7.3	48 19.88	3.1650	+0.0064	−4 9 20.9	−6.169	+0.442	13.25	4.4194		
1993	8.5	48 23.62	3.2182	+0.0068	−6 31 50.3	−6.164	+0.449	7.45	6.4513		+0.03 −0.3 [3]
1994	6.5	48 28.72	3.1043	+0.0059	−1 25 44.3	−6.157	+0.434	7.90	1.3268	+0.02 −0.4	+0.01 −0.9
1995	7.3	48 38.86	3.1612	+0.0063	−3 59 2.3	−6.142	+0.442	4.74	3.4023		−0.04 −0.7
1996	5.3	48 42.93	3.2057	+0.0066	−5 28 23.8	−6.137	+0.446	10.56	5.4374		+0.06 +0.4
1997	7.0	49 13.52	3.2170	+0.0067	−6 28 17.7	−6.095	+0.449	7.78	6.4516		+0.10 +0.1
1998	7.5	49 55.83	3.2053	+0.0066	−5 56 41.9	−6.036	+0.448	8.79	5.4378		
1999	8.0	51 53.19	3.1360	+0.0060	−2 50 40.8	−6.009	+0.440	4.74	2.4283		−0.01 −1.9
2000	7.8	52 30.64	3.1658	+0.0061	−4 10 19.3	−5.820	+0.444	7.47	4.4206		

[1] E.B.C. −0.0095, −0.236 [2] E.B.C. −0.0043, −0.427 [3] 1 Beob.

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
2001	8.0	$16^h 53^m 34^s.44$	$3^s.2477$	+0.0067	−7° 47′ 18″.7	−5″.731	+0″.456	13.09	7.4383		
2002	7.3	53 39.25	3.1065	+0.0057	−1 31 11.6	−5.724	+0.437	4.13	1.3278	+0.02 +2.2	
2003	7.3	54 1.01	3.1634	+0.0060	−4 3 17.9	−5.694	+0.445	4.51, 4.80	3.4040		+0.01 0.0
2004	7.8	54 4.35	3.2382	+0.0066	−7 21 53.9	−5.689	+0.455	13.11	7.4386		+0.06 −0.4
2005	8.0	54 9.01	3.1663	+0.0060	−4 10 56.0	−5.683	+0.445	13.27	4.4212		
2006	**5.0**	**55 15.55**	**3.1636**	**+0.0059**	**−4 3 25.0**	**−5.590**	**+0.445**			**30 Ophiuchi F.St.**	
2007	7.3	55 18.23	3.2271	+0.0064	−6 51 54.4	−5.586	+0.455	13.23	6.4538		
2008	7.2	55 40.21	3.2206	+0.0063	−6 34 26.8	−5.555	+0.454	13.26	6.4539		
2009	7.2	57 4.11	3.2122	+0.0062	−6 11 38.9	−5.437	+0.453	13.21, 13.22	6.4542		−0.03 −0.8
2010	7.8	58 16.91	3.1272	+0.0056	−2 25 39.8	−5.335	+0.442	3.99	2.4294		+0.07 +0.7
2011	7.3	58 33.59	3.2434	+0.0063	−7 32 59.4	−5.312	+0.458	7.80	7.4392		+0.05 +0.9
2012	7.5	59 19.79	3.1826	+0.0059	−4 52 41.9	−5.247	+0.450	8.35	4.4225		+0.13 +2.8[1]
2013	5.8	59 52.11	3.0892	+0.0052	−0 44 25.6	−5.201	+0.437	4.14	0.3224	+0.02 +0.9	+0.02 −0.6
2014	6.3	17 1 10.68	3.1066	+0.0053	−1 30 26.4	−5.090	+0.440	9.35	1.3292	0.00 −2.2	+0.05 −0.5
2015	7.3	1 28.61	3.1339	+0.0054	−2 43 1.0	−5.065	+0.444	4.00	2.4304		+0.05 +1.0[2]
2016	7.8	2 13.44	3.1672	+0.0056	−4 10 58.2	−5.002	+0.449	7.62	4.4233		
2017	6.2	2 33.16	3.0936	+0.0051	−0 56 1.2	−4.974	+0.439	4.14	0.3230	+0.02 +0.5	−0.01 −0.7
2018	8.0	2 58.57	3.1870	+0.0056	−5 2 56.2	−4.938	+0.453	7.82	5.4409		0.00 +0.2
2019	6.7	3 7.29	3.1571	+0.0055	−3 44 5.9	−4.926	+0.448	8.97	3.4063		0.00 +1.2[3]
2020	8.0	4 30.51	3.0866	+0.0050	−0 37 14.4	−4.808	+0.439	6.71	0.3234	−0.08 −0.5	
2021	7.3	5 53.90	3.1749	+0.0054	−4 30 18.0	−4.690	+0.452	7.47	4.4243		
2022	7.8	6 2.38	3.1455	+0.0052	−3 12 45.9	−4.678	+0.448	5.33	3.4072		+0.07 −0.3
2023	7.6	6 42.59	3.0850	+0.0049	−0 38 17.3	−4.621	+0.440	4.13	0.3241	−0.03 +1.4	+0.04 +0.6
2024	7.2	8 34.06	3.1614	+0.0052	−4 1 58.5	−4.461	+0.452	4.75	3.4079		+0.06 −0.3
2025	7.4	8 47.68	3.1718	+0.0052	−4 21 20.3	−4.443	+0.453	7.47	4.4252		
2026	7.5	9 14.36	3.1267	+0.0049	−2 22 35.5	−4.405	+0.447	4.49	2.4321		+0.13 +0.9
2027	8.0	9 21.21	3.2344	+0.0055	−7 4 24.5	−4.395	+0.462	8.13	7.4413		
2028	8.0	10 6.44	3.2541	+0.0055	−7 55 4.1	−4.331	+0.465	10.86	7.4414		
2029	5.8	10 49.10	3.2122	+0.0053	−6 7 19.5	−4.270	+0.459	12.28	6.4575		−0.02 −1.3
2030	**5.0**	**10 57.81**	**3.0798**	**+0.0047**	**−0 19 13.6**	**−4.258**	**+0.440**			**41 Ophiuchi F.St.**	
2031	8.0	11 16.24	3.2252	+0.0053	−6 39 47.2	−4.232	+0.462	12.22, 12.31	6.4577		
2032	7.7	11 25.58	3.2503	+0.0055	−7 44 53.3	−4.218	+0.465	8.58	7.4419		+0.17 +0.1
2033	7.8	11 30.70	3.1871	+0.0051	−5 0 33.9	−4.211	+0.456	9.90	4.4258		
2034	8.0	12 35.14	3.0873	+0.0046	−0 38 43.9	−4.119	+0.442	9.69	0.3260	−0.04 −0.8	
2035	6.1	13 6.36	3.1341	+0.0048	−2 41 29.4	−4.075	+0.449	8.12, 8.54	2.4330		+0.11 +0.3[4]
2036	7.0	13 36.44	3.1328	+0.0047	−2 37 59.4	−4.032	+0.449	5.49	2.4332		+0.02 −0.6
2037	7.8	14 1.90	3.2502	+0.0053	−7 54 7.1	−3.995	+0.467	7.82	7.4427		[5]
2038	7.3	14 2.00	3.1626	+0.0048	−3 56 2.2	−3.995	+0.454	3.86	3.4087		+0.07 +0.1
2039	6.5	14 6.32	3.2055	+0.0050	−5 47 50.5	−3.989	+0.460	7.62	5.4426		+0.08 +0.5[6]
2040	7.8	16 48.37	3.2156	+0.0049	−6 13 9.1	−3.757	+0.462	7.50	6.4587		
2041	6.3	17 6.95	3.1248	+0.0045	−2 16 41.7	−3.730	+0.449	3.85	2.4343		−0.02 +0.5
2042	7.0	17 8.14	3.2337	+0.0050	−6 59 48.6	−3.729	+0.465	7.80	6.4589		+0.10 +0.8
2043	7.4	17 41.34	3.1418	+0.0045	−3 1 0.0	−3.681	+0.452	4.14, 4.01	2.4346		+0.06 +0.4
2044	8.0	18 24.37	3.1927	+0.0047	−5 13 19.8	−3.619	+0.459	10.05	5.4438		
2045	7.0	20 4.75	3.2221	+0.0047	−6 28 58.6	−3.475	+0.464	7.47	6.4592		+0.09 −1.1
2046	6.7	20 15.25	3.1083	+0.0042	−1 33 18.6	−3.460	+0.448	5.78	1.3329	+0.05 −1.2	+0.02 +0.2[7]
2047	**4.5**	**20 47.67**	**3.1875**	**+0.0045**	**−4 59 19.2**	**−3.414**	**+0.459**			**27 H. Ophiuchi F.St.**	
2048	7.7	20 59.36	3.0933	+0.0041	−0 54 17.2	−3.397	+0.446	4.82	0.3283	+0.05 −0.4	+0.04 −0.1
2049	8.0	21 16.42	3.2394	+0.0047	−7 13 2.9	−3.372	+0.467	8.22, 8.16	7.4444		
2050	7.8	23 45.66	3.2564	+0.0046	−7 55 41.0	−3.158	+0.470	7.62	7.4448		

[1] E.B.C. −0″.0653, −1″.128
[2] E.B.C. +0″.0075, −0″.160
[3] E.B.C. −0″.0049, −0″.140
[4] E.B.C. −0″.0122, −0″.055
[5] E.B.C. 0″.0000, −0″.169
[6] E.B.C. +0″.0009, −0″.202
[7] E.B.N. in δ +0″.07

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
2051	8.0	$17^h\,23^m\,54.36$	3.0744	+0.0039	−0° 4′ 40.1	−3.145	+0.444	3.89	0.3296	−0.02 −1.8	
2052	6.6	23 54.51	3.2073	+0.0044	−5 49 44.6	−3.145	+0.463	9.72	5.4450		+0.03 −0.5
2053	6.9	24 30.86	3.1714	+0.0042	−4 16 56.7	−3.093	+0.458	9.11	4.4290		−0.02 −0.8
2054	5.4	24 44.12	3.0949	+0.0039	−0 58 13.9	−3.074	+0.447	4.30, 4.32	0.3300	+0.09 +2.9	+0.10 +0.1[1]
2055	8.0	25 1.92	3.2550	+0.0044	−7 51 42.0	−3.048	+0.470	12.29	7.4452		
2056	6.8	25 17.15	3.1358	+0.0040	−2 44 30.0	−3.026	+0.453	5.68	2.4377		−0.02 −0.5 [2]
2057	8.0	25 43.00	3.1291	+0.0040	−2 27 6.0	−2.989	+0.452	7.77	2.4381		
2058	6.2	27 37.51	3.2038	+0.0041	−5 39 47.6	−2.823	+0.464	7.65	5.4461		−0.03 −0.5
2059	8.0	27 48.76	3.2548	+0.0042	−7 50 21.0	−2.807	+0.471	7.80, 7.65	7.4457		+0.06 +0.4
2060	7.0	28 23.00	3.1414	+0.0039	−2 58 40.9	−2.758	+0.455	5.33	2.4398		+0.02 0.0
2061	8.0	28 46.02	3.1114	+0.0037	−1 40 45.9	−2.724	+0.451	4.18	1.3358	+0.04 +1.5	N. Gr. 8.6[3]
2062	8.0	29 10.65	3.1079	+0.0037	−1 31 49.8	−2.689	+0.450	9.37	1.3362	+0.01 −2.0	+0.03 −0.9[4]
2063	7.5	29 36.90	3.2085	+0.0040	−5 51 29.6	−2.651	+0.465	10.05	5.4465		
2064	7.5	29 45.91	3.1378	+0.0038	−2 49 7.2	−2.638	+0.453	7.68, 7.46	2.4402		−0.1 +0.03
2065	6.8	29 48.91	3.2130	+0.0040	−6 2 55.7	−2.633	+0.466	11.67, 11.34	6.4618		−0.1 +0.03
2066	8.0	30 0.45	3.2132	+0.0040	−6 3 25.0	−2.617	+0.466	13.34, 13.36	6.4620		
2067	7.8	30 4.77	3.1678	+0.0038	−4 6 44.2	−2.609	+0.459	11.22, 11.40	4.4308		−0.01 0.0
2068	7.9	30 22.09	3.1561	+0.0038	−3 36 28.6	−2.585	+0.457	9.69	3.4132		[5]
2069	7.3	31 25.34	3.2582	+0.0040	−7 58 4.7	−2.494	+0.472	13.29	7.4468		−0.07 −0.3
2070	7.3	31 35.14	3.1376	+0.0037	−2 28 29.5	−2.480	+0.455	5.35	2.4413		−0.02 −0.4
2071	8.0	32 0.17	3.1582	+0.0037	−3 41 41.1	−2.444	+0.458	4.16, 4.30	3.4143		
2072	7.7	33 56.52	3.1865	+0.0036	−4 54 21.9	−2.275	+0.463	9.09	4.3325	dpl.	
2073	6.5	34 18.09	3.0859	+0.0034	−0 34 39.8	−2.243	+0.448	7.44, 7.61	0.3338	−0.10 +0.3	−0.02 −0.5
2074	7.3	34 22.90	3.1532	+0.0035	−3 28 31.9	−2.237	+0.458	4.19	3.4150		+0.07 +0.1
2075	6.2	34 28.52	3.1210	+0.0034	−2 5 29.3	−2.229	+0.453	4.03	2.4425	+0.06 +1.5	+0.07 0.0
2076	8.0	34 45.83	3.1376	+0.0034	−2 48 16.3	−2.204	+0.456	8.61, 8.20	2.4427		
2077	6.5	36 44.58	3.1841	+0.0034	−4 47 42.3	−2.031	+0.463	7.80	4.4332		0.00 0.0
2078	7.8	36 45.31	3.1276	+0.0033	−2 22 8.7	−2.030	+0.455	9.95	2.4433		+0.04 −0.2
2079	7.8	37 27.25	3.1247	+0.0033	−2 14 41.5	−1.969	+0.454	3.81	2.4436		
2080	6.7	37 50.82	3.2366	+0.0035	−7 1 41.0	−1.936	+0.471	9.44, 9.97	7.4487		−0.02 −1.1
2081	7.5	37 57.12	3.1623	+0.0033	−3 51 31.9	−1.926	+0.460	4.03	3.4160		+0.11 +0.7[6]
2082	7.4	38 7.55	3.2096	+0.0034	−5 52 43.6	−1.911	+0.467	12.36	5.4488		+0.04 −0.3
2083	7.7	38 18.19	3.1133	+0.0032	−1 45 23.8	−1.896	+0.453	5.49	1.3384	+0.07 +1.5	+0.07 +0.6
2084	8.0	38 38.07	3.2444	+0.0034	−7 21 29.1	−1.867	+0.472	13.31	7.4493		
2085	8.0	38 59.27	3.1118	+0.0031	−1 41 29.8	−1.836	+0.453	11.93, 12.15	1.3386	−0.01 +0.5	+0.07 −0.6
2086	7.3	39 28.42	3.1362	+0.0032	−2 42 53.1	−1.794	+0.456	12.03	2.4443		0.00 −0.1
2087	7.6	39 47.17	3.1530	+0.0032	−3 27 29.4	−1.767	+0.459	10.12, 10.58	3.4168		
2088	7.0	40 33.21	3.2582	+0.0033	−7 56 13.1	−1.699	+0.474	7.82	7.4497		+0.06 +0.6[7]
2089	7.5	40 47.49	3.1381	+0.0031	−2 48 57.6	−1.679	+0.457	5.47	2.4449		+0.07 −0.4
2090	8.0	41 4.57	3.2164	+0.0032	−6 9 47.9	−1.654	+0.468	9.91	6.4648		
2091	7.5	41 11.40	3.1115	+0.0030	−1 40 37.3	−1.644	+0.453	11.87	1.3391	−0.03 +2.3	+0.06 −0.1
2092	7.8	42 35.44	3.0953	+0.0029	−0 58 39.0	−1.522	+0.451	11.76	0.3361	−0.06 −0.5	0.00 −1.0
2093	7.5	42 36.49	3.1137	+0.0029	−1 46 9.8	−1.520	+0.453	13.33	1.3398	−0.04 +1.1	
2094	8.0	42 53.19	3.1228	+0.0029	−2 9 29.6	−1.496	+0.455	12.34, 12.24	2.4458	−0.04 −0.9	+0.04 −0.3
2095	8.0	43 29.42	3.2539	+0.0031	−7 44 48.5	−1.443	+0.474	8.16	7.4508		
2096	8.0	44 29.61	3.0875	+0.0028	−0 38 40.1	−1.356	+0.450	4.05	0.3366	+0.07 +3.4	
2097	8.0	45 56			−4 12				4.4363		
2098	7.8	46 13.35	3.1833	+0.0028	−4 44 50.8	−1.205	+0.464	9.41	4.4365		
2099	6.5	46 18.30	3.1007	+0.0027	−1 12 28.0	−1.198	+0.452	4.18	1.3412	+0.03 −0.2	+0.06 −0.3
2100	7.8	46 40.68	3.1052	+0.0027	−1 24 5.9	−1.165	+0.453	9.27	1.3413	+0.05 −0.6	[8]

[1] E.B.C. −0°.0106, −0°.155
N. −0.0085, −0.207
[2] E.B.C. −0°.0205, −0°.090
[3] E.B.C. +0°.0075, −0°.15
[4] E.B. in α?
[5] E.B. in α?
[6] E.B.C. −0°.0090, −0°.216
[7] E.B.C. 0°.0000, −0°.125
[8] E.B. in α?

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radcl.
2101	6.0	$17^h 46^m 44^s.84$	$3^s.2155$	$+0^s.0028$	$-6° 6' 57''.2$	$-1''.159$	$+0''.369$	9.66	6.4672		$+0^s.02$ $-0''.6$
2102	6.7	46 45.55	3.1948	+0.0028	−5 14 2.1	−1.158	+0.466	13.24	5.4519		+0.01 +0.1
2103	8.0	46 49.45	3.1461	+0.0027	−3 9 21.9	−1.152	+0.459	13.26	3.4192		
2104	7.8	47 0.34	3.1909	+0.0027	−5 19 24.4	−1.136	+0.466	13.48	5.4521		
2105	7.3	47 0.42	3.1550	+0.0027	−3 32 13.6	−1.136	+0.460	3.81	3.4193		+0.11 —0.1
2106	7.5	47 0.63	3.2574	+0.0028	−7 53 6.8	−1.135	+0.475	13.42	7.4517		+0.13 -0.9^1
2107	8.0	47 15.51	3.1245	+0.0026	−2 13 52.4	−1.114	+0.455	13.48	2.4480		
2108	7.5	47 18.98	3.1320	+0.0027	−2 33 6.3	−1.109	+0.457	6.65	2.4482		+0.05 $+0.9^2$
2109	7.2	47 21.98	3.2105	+0.0027	−5 54 7.1	−1.105	+0.468	13.42	5.4523		+0.05 —0.2
2110	7.1	48 21.56	3.1097	+0.0026	−1 35 42.3	−1.018	+0.453	5.48	1.3416	$-0^s.02$ $-0''.7$	+0.03 +0.1
2111	7.9	48 27.02	3.1703	+0.0026	−4 11 19.1	−1.010	+0.462	13.02	4.4371		
2112	7.2	48 42.78	3.1527	+0.0026	−3 26 7.4	−0.989	+0.460	7.49	3.4200		+0.06 $+0.5^3$
2113	7.0	49 0.07	3.2533	+0.0027	−7 42 38.8	−0.962	+0.474	10.31, 10.75	7.4523		+0.06 —0.8
2114	8.0	50 13.41	3.2283	+0.0025	−6 39 13.3	−0.855	+0.471	9.94	6.4678		
2115	7.3	50 25.22	3.1790	+0.0025	−4 33 28.8	−0.838	+0.463	11.23	4.4374		
2116	8.0	50 28.15	3.1964	+0.0025	−5 17 52.4	−0.834	+0.466	13.30	5.4537		
2117	6.3	50 59.21	3.1675	+0.0025	−4 3 55.2	−0.788	+0.462	12.33	4.4376		—0.02 —0.3
2118	7.5	52 53.91	3.1091	+0.0023	−5 24 46.5	−0.621	+0.467	11.59	5.4542		
2119	8.0	53 6.79	3.2279	+0.0023	−6 38 1.1	−0.602	+0.471	11.56	6.4688		+0.08 +0.4
2120	7.3	53 13.42	3.1903	+0.0023	−5 2 12.4	−0.593	+0.465	12.29, 12.18	5.4543		
2121	5.8	53 46.28	3.1850	+0.0023	−4 48 34.4	−0.533	+0.465	11.42	4.4384		+0.02 —0.3
2122	5.8	54 40.23	3.1585	+0.0022	−3 40 56.0	−0.466	+0.461	5.65	3.4217		—0.09 —0.1
2123	5.2	54 45.96	3.1654	+0.0022	−3 58 22.9	−0.458	+0.462	11.64	3.4219		
2124	8.0	54 49.26	3.1262	+0.0022	−2 17 58.2	−0.453	+0.456	13.47	2.4528	schwach	
2125	7.0	55 12.43	3.1326	+0.0022	−2 34 21.7	−0.419	+0.457	13.39, 13.38	2.4529		—0.02 —1.0
2126	7.8	56 29.87	3.2066	+0.0021	−5 43 59.1	−0.308	+0.468	11.26, 11.44	5.4559		
2127	6.5	56 42.56	3.1463	+0.0021	−3 9 24.4	−0.288	+0.459	9.11	3.4225		—0.06 +0.9
2128	7.0	56 54.32	3.1979	+0.0021	−5 21 25.4	−0.271	+0.466	8.79	5.4560		+0.03 —0.3
2129	8.0	57 5.99	3.1037	+0.0021	−1 20 8.5	−0.254	+0.453	3.86	1.3435	—0.02 +0.6	
2130	7.8	57 8.61	3.2525	+0.0020	−7 40 5.2	−0.250	+0.474	11.85	7.4550		
2131	7.9	59 52.91	3.1790	+0.0019	−4 33 7.2	−0.010	+0.464	9.59	4.4394	schwach	
2132	6.0	18 0 23.79	3.1838	+0.0018	−4 45 32.8	+0.035	+0.464	9.59	4.4395		+0.02 -0.5^4
2133	6.5	0 28.37	3.0831	+0.0019	−0 27 16.5	+0.042	+0.450	3.72	0.3414	+0.01 —0.3	+0.02 0.0
2134	7.0	1 9.12	3.1484	+0.0018	−3 14 47.4	+0.101	+0.459	3.81	3.4237		+0.07 —0.2
2135	7.2	2 12.25	3.2398	+0.0017	−7 8 0.7	+0.193	+0.472	11.85	7.4564		+0.01 +0.3
2136	7.5	2 29.82	3.1795	+0.0017	−4 34 29.8	+0.218	+0.464	11.94, 11.72	4.4403		
2137	8.0	2 47.55	3.1767	+0.0017	−4 27 18.9	+0.244	+0.463	11.59, 12.39	4.4405		
2138	6.5	2 53.58	3.1408	+0.0017	−2 55 22.7	+0.253	+0.458	3.87	2.4558		+0.03 —0.1
2139	7.8	2 57.62	3.1661	+0.0017	−4 0 22.6	+0.259	+0.462	10.41	4.4406		
2140	7.5	3 43.71	3.2052	+0.0016	−5 40 10.6	+0.326	+0.467	11.10	5.4582		—0.02 0.0
2141	7.9	4 56.32	3.1424	+0.0015	−2 59 26.2	+0.432	+0.458	4.90	2.4564		
2142	6.3	5 35.39	3.1948	+0.0015	−5 13 39.7	+0.489	+0.466	11.39	5.4586		+0.04 +0.8
2143	8.0	5 36.68	3.0884	+0.0016	−0 40 48.5	+0.491	+0.450	7.73	0.3434	—0.03 +0.2	+0.02 +1.2
2144	7.5	5 55.96	3.1367	+0.0015	−2 44 55.2	+0.507	+0.457	5.33	2.4566		+0.07 —0.2
2145	7.0	6 2.90	3.2047	+0.0014	−5 38 53.6	+0.529	+0.467	9.64	5.4589		+0.04 —0.2
2146	7.1	6 27.24	3.2442	+0.0013	−7 19 14.2	+0.565	+0.473	13.27, 13.29	7.4571		—0.02 0.0
2147	7.8	7 9.69	3.1845	+0.0014	−4 47 29.3	+0.626	+0.464	13.43	4.4414		
2148	6.8	7 21.43	3.1669	+0.0014	−4 2 22.3	+0.644	+0.461	13.20	4.4415		+0.08 +0.2
2149	7.3	7 33.44	3.1133	+0.0014	−1 44 49.1	+0.661	+0.453	4.75	1.3461	+0.08 +0.7	+0.09 +1.0
2150	7.8	8 37.37	3.2037	+0.0012	−5 36 21.7	+0.754	+0.466	12.42, 12.55	5.4602		

[1] E.B.C. —0".0028, —0".231 [2] E.B. in α^s [3] E.B.C. 0".0000, —0".157 [4] E.B. in α^s

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
2151	7.8	18h 8m 51.89	3.1340	+0.0013	−2° 38′ 4.3	+0.775	+0.456	3.87	2.4578		
2152	7.0	9 42.08	3.2013	+0.0012	−5 30 30.1	+0.830	+0.466	12.42	5.4608		+0.05 −1.0
2153	7.5	9 55.75	3.1517	+0.0012	−3 23 31.1	+0.808	+0.459	4.86	3.4257		
2154	6.6	10 10.45	3.1578	+0.0012	−3 39 10.0	+0.800	+0.460	9.30	3.4259		−0.06 +1.0
2155	6.5	11 7.10	3.1434	+0.0011	−3 2 10.8	+0.972	+0.457	9.92, 10.42	3.4203		+0.03 +1.0[1]
2156	8.0	11 25.54	3.2442	+0.0010	−7 19 29.4	+0.999	+0.472	13.23	7.4582		
2157	7.6	12 0.90	3.1076	+0.0012	−1 30 12.8	+1.051	+0.452	5.42	1.3468	+0.01 −1.5	
2158	7.6	12 23.95	3.1045	+0.0011	−1 22 14.5	+1.084	+0.452	4.51	1.3469	−0.08 −0.5	+0.03 +0.9
2159	7.5	13 10.49	3.1693	+0.0010	−4 8 53.6	+1.152	+0.461	12.13	4.4438		+0.02 +0.4
2160	8.0	13 14.82	3.1474	+0.0010	−3 12 42.0	+1.158	+0.458	7.99	3.4207		
2161	8.0	13 25.80	3.2017	+0.0009	−5 31 49.5	+1.174	+0.466	13.29	5.4624		
2162	6.5	13 36.51	3.1894	+0.0009	−5 0 26.1	+1.219	+0.464	13.31, 13.32	5.4626		
2163	8.0	13 36.58	3.1460	+0.0009	−3 9 18.7	+1.365	+0.457	13.44	3.4272		
2164	**3.0**	**13 37.06**	**3.1407**	**+0.0009**	**−2 55 36.0**	**+1.365**	**+0.456**			η **Serpentis F.St.**	
2165	8.0	13 49.18	3.1640	+0.0008	−3 55 29.5	+1.383	+0.460	13.48	3.4273		
2166	7.0	16 13.41	3.2493	+0.0006	−7 32 57.8	+1.418	+0.472	13.49, 13.47	7.4589		+0.04 +0.4
2167	7.1	16 42.47	3.1017	+0.0009	−1 15 14.7	+1.461	+0.451	11.97	1.3476	−0.05 +0.5	+0.01 +0.4
2168	7.8	17 41.02	3.2198	+0.0006	−6 18 18.6	+1.546	+0.468	13.43	6.4751		
2169	7.6	18 8.48	3.1005	+0.0008	−1 12 7.4	+1.586	+0.450	9.23, 8.84	1.3481	−0.01 +1.3	+0.05 +0.3
2170	7.7	18 15.17	3.1314	+0.0007	−2 31 39.2	+1.595	+0.455	8.83	2.4613		+0.09 0.0
2171	6.5	18 16.38	3.1573	+0.0007	−3 38 16.8	+1.597	+0.458	6.89	3.4277		−0.07 +0.4
2172	7.5	18 28.82	3.1691	+0.0006	−4 8 44.5	+1.615	+0.460	13.49, 13.47	3.4459		
2173	7.6	18 42.95	3.0985	+0.0008	−1 7 6.4	+1.630	+0.450	5.88	1.3482	+0.01 −0.4	+0.11 +0.1
2174	6.0	18 44.79	3.2393	+0.0004	−7 7 59.2	+1.638	+0.470	11.84, 11.61	7.4598		+0.02 −0.1
2175	7.0	18 48.35	3.2281	+0.0004	−6 39 38.1	+1.644	+0.468	13.28	6.4755		+0.02 0.0
2176	8.0	19 0.14	3.1174	+0.0007	−1 55 46.4	+1.661	+0.452	13.48	1.3485	−0.02 −2.0	
2177	6.5	19 14.98	3.1106	+0.0007	−1 38 17.7	+1.682	+0.451	10.52	1.3486	+0.04 +0.1	+0.05 −0.1
2178	7.7	19 24.19	3.1868	+0.0005	−4 54 16.4	+1.696	+0.462	11.33	4.4462		+0.01 +0.9
2179	8.0	20 10.42	3.1884	+0.0005	−4 58 21.5	+1.763	+0.463	13.37	4.4466		
2180	7.9	20 15.52	3.2521	+0.0003	−7 40 50.8	+1.770	+0.472	13.46	7.4602		
2181	8.0	20 44.62	3.2046	+0.0004	−5 39 51.8	+1.812	+0.465	13.49, 13.50	5.4657		
2182	8.0	21 49.72	3.1656	+0.0004	−3 59 55.2	+1.907	+0.459	7.50, 6.62	3.4470	10 Beob. in δ	
2183	7.5	22 38.34	3.1630	+0.0004	−3 56 2.8	+1.978	+0.458	4.57	3.4288		+0.16 +0.6[2]
2184	5.8	23 57.53	3.1203	+0.0004	−2 3 20.6	+2.092	+0.452	7.20	2.4641	+0.05 −0.1	+0.12 +0.1[3]
2185	7.8	24 6.64	3.1668	+0.0003	−4 3 28.7	+2.106	+0.458	11.16, 11.47	4.4478		
2186	6.2	24 21.48	3.2075	+0.0001	−5 47 46.7	+2.127	+0.464	10.72	5.4675		+0.05 +0.5
2187	7.3	25 15.71	3.2090	+0.0001	−5 51 51.6	+2.206	+0.464	13.12, 13.16	5.4678		
2188	7.0	25 42.62	3.0855	+0.0004	−0 33 28.2	+2.245	+0.446	5.53	0.3501	−0.01 +0.9	+0.05 −0.2
2189	7.7	25 46.44	3.1122	+0.0003	−1 42 37.1	+2.250	+0.450	5.57	1.3503	+0.08 0.0	
2190	7.5	26 1.63	3.1304	+0.0003	−2 29 44.5	+2.274	+0.453	5.03, 5.13	2.4647		+0.09 −0.2
2191	8.0	26 4.36	3.2166	0.0000	−6 11 30.6	+2.276	+0.465	13.32, 13.31	6.4783		
2192	7.9	26 14.64	3.2569	−0.0001	−7 54 12.3	+2.291	+0.471	13.31	7.4617		
2193	6.7	26 16.15	3.0976	+0.0003	−1 4 48.8	+2.293	+0.448	9.89	1.3504	−0.06 +1.8	−0.03 +0.3[4]
2194	7.0	27 15.68	3.1943	0.0000	−5 14 33.5	+2.380	+0.462	7.11	5.4686		−0.03 −0.2
2195	6.5	27 29.47	3.2118	−0.0001	−5 59 30.7	+2.400	+0.464	10.63	6.4791		+0.13 +0.7
2196	8.0	28 11.04	3.1398	+0.0001	−2 54 11.7	+2.460	+0.453	4.55	0.4653		
2197	7.5	28 14.48	3.2542	−0.0003	−7 47 43.0	+2.465	+0.470	12.27, 12.43	7.4623		+0.09 +0.3
2198	8.0	29 30.13	3.0735	+0.0002	−0 2 33.5	+2.574	+0.443	4.28, 4.23	0.3513	+0.02 −0.6	
2199	7.0	30 12.40	3.2313	−0.0004	−6 49 46.7	+2.635	+0.466	10.06	6.4805		0.00 −0.3
2200	7.8	30 37.22	3.1805	−0.0002	−4 39 30.7	+2.671	+0.459	11.31, 11.92	4.4511		+0.14 −1.0[5]

[1] E.B.C. 0.0000, −0.272

[2] 10 Beob. E.B.C. −0.0143, −0.272

[3] E.B.N. 0.0000, −0.0025

[4] E.B.N. −0.0007, −0.000

[5] E.B.C. +0.0025, −0.183

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radd.
2201	7.5	$18^h 31^m 12.66$	3.1816	−0.0002	−4° 42′ 24.0	+2.722	+0.459	13.28	4.4514		+0.02 +0.6
2202	7.2	31 44.08	3.1422	−0.0001	−3 0 44.1	+2.768	+0.453	3.83	3.4325		+0.06 +0.1
2203	7.8	31 44.95	3.2451	−0.0005	−7 25 36.5	+2.769	+0.467	13.01	7.4636		
2204	6.8	31 55.05	3.1860	−0.0003	−4 54 3.4	+2.784	+0.459	11.82	4.4518		+0.01 −1.2
2205	5.5	31 56.87	3.0818	+0.0001	−0 24 4.0	+2.786	+0.444	5.25	0.3521	+0.01 −0.1	+0.05 +0.7
2206	7.0	32 12.23	3.1346	−0.0001	−2 40 59.3	+2.808	+0.451	6.10	2.4678		−0.08 −0.1
2207	6.5	32 37.44	3.1486	−0.0002	−3 17 21.3	+2.845	+0.453	8.71, 9.53	3.4331		+0.07 −0.4[1]
2208	6.7	32 38.24	3.1004	0.0000	−1 12 26.3	+2.846	+0.446	10.16	1.3529	−0.04 −0.9	+0.07 +0.7
2209	7.9	32 56.89	3.0721	0.0000	+0 1 9.3	+2.873	+0.442	10.53	0.3525	+0.03 +1.8	
2210	7.5	33 30.55	3.1198	−0.0002	−2 2 51.2	+2.922	+0.449	10.68	2.4680	−0.02 +1.0	+0.06 −0.3
2211	6.1	34 2.40	3.2557	−0.0008	−7 53 17.4	+2.967	+0.468	8.47	7.4648		−0.05 +0.3
2212	7.5	34 57.82	3.1788	−0.0005	−4 35 48.5	+3.047	+0.457	9.53, 10.08	4.4547		+0.14 −0.1
2213	7.2	35 47.84	3.1469	−0.0004	−3 13 17.1	+3.120	+0.452	3.83, 3.71	3.4354		+0.07 −0.1
2214	7.3	36 20.91	3.2450	−0.0009	−7 26 30.5	+3.167	+0.466	13.00	7.4664		
2215	6.2	36 39.96	3.2388	−0.0009	−7 10 43.7	+3.194	+0.465	12.28	7.4670		+0.05 −0.3
2216	7.8	37 31.32	3.2066	−0.0008	−5 48 10.1	+3.268	+0.460	13.32, 13.34	5.4736		+0.04 +1.1
2217	7.8	37 35.58	3.1129	−0.0004	−1 45 10.4	+3.275	+0.446	4.55	1.3549	+0.01 +0.9	+0.06 +0.3
2218	7.5	37 55.18	3.1109	−0.0004	−1 40 1.9	+3.303	+0.446	6.87	1.3551	+0.03 +0.7	+0.04 +0.1
2219	6.0	37 55.48	3.2327	−0.0010	−6 55 31.8	+3.303	+0.464	13.51	6.4859		+0.09 −0.6
2220	8.0	38 14.27	3.1227	−0.0004	−2 10 40.5	+3.330	+0.448	9.02, 10.10	2.4720		+0.03 +0.3
2221	8.0	38 14.53	3.0802	−0.0003	−0 20 0.6	+3.331	+0.442	13.51	0.3540	−0.17 +1.3	
2222	8.2	38 30.69	3.1108	−0.0004	−1 39 50.7	+3.353	+0.446	5.07	1.3553	+0.04 −0.8	+0.10 −0.5[2]
2223	7.0	38 36.00	3.2261	−0.0010	−6 38 48.7	+3.376	+0.462	13.38	6.4869		+0.03 −0.4
2224	7.2	39 16.72	3.0837	−0.0003	−0 29 5.1	+3.420	+0.442	12.00	0.3543	−0.07 +0.9	−0.02 0.0
2225	8.0	39 38.76	3.1811	−0.0008	−4 42 45.9	+3.452	+0.456	13.49	4.4575		
2226	8.0	39 40.44	3.1495	−0.0007	−3 20 39.6	+3.454	+0.451	3.71	3.4373		+0.10 +0.1
2227	6.1	40 47.75	3.0973	−0.0005	−1 4 36.9	+3.552	+0.443	13.56	1.3559	+0.01 −0.6	+0.16 −0.7[3]
2228	7.8	40 51.30	3.2296	−0.0011	−6 48 23.2	+3.556	+0.462	13.36	6.4893		
2229	7.4	40 57.25	3.2503	−0.0012	−7 41 44.3	+3.564	+0.465	13.28	7.4700		
2230	7.0	41 15.02	3.2111	−0.0011	−6 0 57.9	+3.590	+0.459	13.47	6.4897		+0.03 −2.2
2231	**4.6**	**41 20.27**	**3.1845**	**−0.0009**	**−4 51 53.1**	**+3.597**	**+0.455**			**6 H. Scuti F.St.**	
2232	8.0	42 5.84	3.0807	−0.0005	−0 21 24.4	+3.663	+0.440	13.50	0.3555	0.00 +2.7	
2233	7.2	42 45.98	3.2135	−0.0012	−6 7 35.3	+3.720	+0.459	12.18	6.4913		−0.03 +0.7
2234	8.0	42 51.87	3.1466	−0.0008	−3 13 41.1	+3.729	+0.449	5.41	3.4382		
2235	8.0	43 34.70	3.0978	−0.0006	−1 6 16.1	+3.790	+0.442	9.23	1.3570	+0.03 −0.3	
2236	8.0	43 36.59	3.2198	−0.0014	−7 41 26.0	+3.793	+0.464	13.21	7.4726		
2237	6.8	43 47.75	3.2113	−0.0012	−6 2 11.4	+3.807	+0.458	12.45, 12.30	6.4922		
2238	6.8	44 21.49	3.1584	−0.0010	−3 44 44.7	+3.857	+0.450	6.88	3.4388		
2239	7.3	45 19.34	3.1501	−0.0010	−3 23 14.1	+3.940	+0.449	9.38	3.4390		
2240	6.5	45 35.58	3.1514	−0.0010	−3 26 44.8	+3.963	+0.449	3.83, 3.73	3.4392		
2241	7.2	46 38.14	3.1608	−0.0011	−3 51 23.5	+4.052	+0.450	7.92	3.4397		
2242	7.5	46 52.52	3.2097	−0.0014	−5 58 52.0	+4.073	+0.457	11.38, 11.05	5.4941		+0.02 +0.6
2243	7.5	47 21.18	3.1839	−0.0013	−4 51 54.5	+4.114	+0.453	12.32	4.4607		+0.11 +0.9
2244	7.9	47 21.46	3.0744	−0.0007	−0 4 48.8	+4.114	+0.437	6.73	0.3579	−0.03 +1.2	+0.03 +1.0
2245	8.0	48 10.07	3.1814	−0.0013	−4 45 43.3	+4.184	+0.452	13.47	4.4614		
2246	8.0	48 34.71	3.2121	−0.0014	−6 5 37.8	+4.219	+0.456	13.45	6.4953		
2247	8.0	49 30.51	3.1932	−0.0015	−5 16 44.3	+4.298	+0.453	12.02	5.4807		
2248	8.0	49 49.22	3.1283	−0.0012	−2 26 45.1	+4.325	+0.444	3.58, 3.72	2.4784		
2249	7.6	50 11.20	3.0925	−0.0010	−0 52 36.0	+4.356	+0.438	5.42	0.3595	+0.02 +0.4	
2250	6.5	50 39.92	3.1167	−0.0011	−1 56 27.5	+4.397	+0.442	7.61	1.3602	−0.01 +1.4	−0.03 +0.1

[1] E.B. in α? [2] 2 Beob. [3] E.B.N. −0.0005, −0.033

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
2251	5.0	$18^h\,51^m\,10.29$	$3^s.2093$	$-0^s.0017$	$-5°\,59'\,17.7$	$+4''.440$	$+0''.455$	9.42	6.4976		$+0^s.08$ $+0^s.3$
2252	7.6	51 56.67	3.0878	—0.0010	—0 40 11.5	+4.506	+0.437	6.12	0.3607	$-0^s.03$ $+1.^0$	+0.11 +1.3[1]
2253	7.3	52 54.83	3.2043	—0.0018	—5 46 57.3	+4.589	+0.453	12.03, 12.22	5.4826		
2254	7.4	53 2.97	3.1835	—0.0017	—4 52 29.1	+4.600	+0.450	13.28	4.4650		+0.05 +0.5
2255	7.7	53 17.34	3.2320	—0.0020	—6 59 25.9	+4.621	+0.457	13.31	7.4798		
2256	7.4	53 52.27	3.1403	—0.0014	—2 59 6.5	+4.670	+0.443	3.01	3.4439		+0.05 —0.1
2257	7.4	54 33.14	3.2444	—0.0022	—7 32 4.3	+4.728	+0.458	10.82	7.4809		
2258	8.0	55 3.11	3.0811	—0.0011	—0 22 43.8	+4.771	+0.434	6.12	0.3625	+0.11 +0.4	
2259	7.4	55 5.83	3.0863	—0.0012	—0 36 28.9	+4.775	+0.435	5.58	0.3626	+0.05 +0.6	+0.07 —0.1
2260	6.8	55 20.18	3.1768	—0.0018	—4 35 35.7	+4.795	+0.448	11.04, 11.37	4.4663		+0.05 —0.3
2261	7.3	55 33.58	3.2169	—0.0021	—6 20 49.8	+4.814	+0.453	13.34	6.5005		
2262	4.7	55 48.37	3.2064	—0.0020	—5 53 35.0	+4.835	+0.452	13.32	5.4840		—0.01 +1.6
2263	7.7	55 54.97	3.2211	—0.0021	—6 32 5.3	+4.844	+0.454	13.49	6.5007		
2264	7.3	56 2.03	3.2166	—0.0021	—6 20 14.5	+4.854	+0.453	13.44	6.5009		
2265	7.5	56 51.67	3.2520	—0.0024	—7 53 0.9	+4.924	+0.458	13.31, 13.35	7.4829		
2266	5.7	57 6.94	3.1599	—0.0018	—3 51 27.5	+4.936	+0.444	4.14, 4.20	3.4460		+0.03 +0.1
2267	7.0	57 23.49	3.2022	—0.0021	—5 43 6.4	+4.972	+0.450	13.45	5.4848		+0.05 +0.7
2268	7.7	57 32.82	3.1392	—0.0017	—2 56 52.9	+4.982	+0.431	5.12	3.4466		+0.05 0.0
2269	8.0	58 27.42	3.2515	—0.0025	—7 52 37.8	+5.059	+0.457	12.17	7.4839		+0.06 +1.1
2270	7.0	58 31.74	3.2050	—0.0022	—5 50 49.6	+5.066	+0.450	9.11	5.4858		+0.17 —0.6
2271	5.7	59 9.24	3.1673	—0.0019	—4 11 39.9	+5.119	+0.444	13.29	4.4684		+0.06 0.0
2272	7.1	59 33.04	3.0973	—0.0015	—1 6 0.2	+5.155	+0.434	7.77	1.3641	+0.06 +0.6	—0.02 —0.2
2273	6.8	59 36.64	3.1104	—0.0016	—1 40 37.8	+5.157	+0.436	5.41	1.3642	—0.06 +3.5	—0.01 —1.0
2274	**3.1**	**19 0 24.67**	**3.1865**	**—0.0022**	**—5 2 48.4**	**+5.224**	**+0.446**			**λ Aquilae F.St.**	
2275	6.8	0 53.51	3.1066	—0.0016	—1 30 50.3	+5.265	+0.435	7.76	1.3649	+0.03 —0.4	+0.19 +0.1
2276	8.0	1 14.44	3.1154	—0.0017	—1 54 9.7	+5.295	+0.436	9.24	1.3653	—0.03 +0.2	
2277	7.8	1 23.72	3.1869	—0.0022	—5 4 3.9	+5.308	+0.446	13.35	5.4877		
2278	7.5	1 45.36	3.1017	—0.0016	—1 17 41.6	+5.338	+0.434	6.58	1.3657	+0.02 0.0	
2279	7.8	2 22.90	3.1966	—0.0024	—5 30 16.8	+5.391	+0.447	9.55	5.4884		
2280	8.0	2 24.02	3.2446	—0.0027	—7 36 35.9	+5.393	+0.454	13.41	7.4861		
2281	7.8	3 6.41	3.2348	—0.0027	—7 11 26.9	+5.452	+0.452	13.32	7.4847		
2282	7.0	3 8.22	3.1278	—0.0019	—2 27 42.4	+5.455	+0.437	4.14	2.4872		+0.06 +0.3
2283	8.0	4 0.86	3.1591	—0.0022	—3 51 14.8	+5.529	+0.440	6.44	3.4499		+0.11 +1.0
2284	7.3	4 6.76	3.2406	—0.0028	—7 27 9.2	+5.537	+0.452	12.34, 12.49	7.4872		
2285	7.0	4 12.19	3.0861	—0.0016	—0 36 16.1	+5.544	+0.430	7.75	0.3662	+0.06 —0.6	—0.05 —0.2
2286	6.8	5 3.43	3.2256	—0.0027	—6 48 0.9	+5.616	+0.449	13.02, 13.10	6.5054		+0.05 —0.2
2287	7.0	5 4.82	3.2439	—0.0029	—7 36 19.6	+5.618	+0.452	11.53, 11.86	7.4876		+0.02 +0.2
2288	8.0	5 19.81	3.1692	—0.0023	—4 18 32.7	+5.639	+0.441	13.11	4.4702		
2289	7.7	5 26.08	3.1356	—0.0021	—2 48 55.1	+5.648	+0.436	5.27	2.4881		
2290	8.0	5 53.74	3.1452	—0.0022	—3 14 47.5	+5.685	+0.437	4.07	3.4505		
2291	7.5	6 35.89	3.1980	—0.0026	—5 35 44.5	+5.746	+0.444	9.52	5.4903		+0.08 +0.6
2292	8.0	7 18.04	3.1659	—0.0024	—4 10 16.8	+5.805	+0.439	13.31	4.4724		
2293	7.8	8 28.57	3.2041	—0.0028	—6 52 47.6	+5.903	+0.444	12.02	5.4915		
2294	7.8	8 30.43	3.1549	—0.0024	—3 41 15.9	+5.905	+0.437	6.44	3.4522		
2295	7.4	8 36.86	3.1021	—0.0020	—1 19 38.7	+5.915	+0.430	5.03	1.3683	+0.01 +2.0	+0.01 +0.7
2296	6.5	9 29.05	3.2120	—0.0029	—6 14 25.0	+5.987	+0.444	9.40	6.5077		+0.11 +0.6
2297	7.8	9 40.98	3.1462	—0.0024	—3 18 16.8	+6.005	+0.435	4.17	3.4535		+0.08 +0.3[2]
2298	7.8	11 7.45	3.1805	—0.0027	—4 50 53.6	+6.124	+0.439	10.70	4.4750		+0.09 +0.3
2299	7.4	12 15.56	3.1976	—0.0030	—5 37 14.4	+6.218	+0.441	9.71	5.4927		
2300	7.5	12 16.53	3.0978	—0.0021	—1 8 24.3	+6.220	+0.427	5.66	1.3701	+0.03 —0.6	+0.09 —0.5[3]

[1] E.B.N. in δ $-0''.075$ [2] 10 Beob. [3] 9 Beob.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radel.
2301	8.6	$19^h\,12^m\,21^s.67$	3.0093	−0.0021	−1° 12′ 21″.8	+6.227	+0.427	4.82	1.3703	+0.01 −0.6	
2302	7.8	12 38.56	3.2259	−0.0032	−6 53 11.0	+6.250	+0.444	12.96	6.5092		
2303	7.8	12 54.74	3.2053	−0.0031	−5 58 15.3	+6.273	+0.441	13.48	6.5096	+0.01	−0.2
2304	7.0	14 8.27	3.2243	−0.0033	−6 49 46.6	+6.374	+0.443	9.88, 10.09	6.5103	+0.02	+0.9
2305	7.8	14 31.18	3.1346	−0.0025	−2 48 18.8	+6.406	+0.430	4.10	2.4943		
2306	5.0	14 40.60	3.1972	−0.0031	−5 37 14.0	+6.419	+0.439	11.71	5.4936	+0.12	0.0[1]
2307	7.0	14 45.01	3.1060	−0.0023	−1 30 53.4	+6.425	+0.426	6.23	1.3715	+0.06 −0.1	+0.06 −0.2
2308	7.3	14 52.83	3.1318	−0.0025	−2 40 44.9	+6.436	+0.430	12.19	2.4946		+0.01 −0.2
2309	5.3	14 55.13	3.0968	−0.0023	−1 5 46.0	+6.439	+0.425	9.53	1.3716	+0.02 +1.3	+0.05 0.0[2]
2310	7.0	14 59.07	3.1767	−0.0029	−4 42 23.1	+6.445	+0.436	9.40	4.4781		+0.05 +0.5
2311	7.2	15 25.60	3.1030	−0.0023	−1 22 53.0	+6.481	+0.425	7.77, 8.05	1.3720	−0.01 −0.5	+0.06 +0.4
2312	8.0	16 4.05	3.1177	−0.0025	−2 2 46.1	+6.534	+0.427	7.49	2.4956	+0.01 +1.6	
2313	7.5	16 13.78	3.1818	−0.0031	−4 56 41.4	+6.548	+0.436	13.46	5.4945		
2314	8.0	16 18.49	3.2110	−0.0033	−6 15 10.3	+6.554	+0.440	13.35	6.5117		
2315	8.0	16 33.06	3.2372	−0.0036	−7 25 35.8	+6.574	+0.443	12.18	7.4915		
2316	6.0	16 42.13	3.0827	−0.0022	−0 27 35.8	+6.587	+0.422	5.08, 4.98	0.3725	−0.01 −0.1	0.00 −0.8[3]
2317	7.0	16 46.64	3.1592	−0.0029	−3 55 34.7	+6.593	+0.432	9.25	3.4573		+0.04 −0.7
2318	7.0	17 8.01	3.2411	−0.0037	−7 36 34.7	+6.622	+0.443	8.86, 8.99	7.4922		+0.05 −0.3
2319	7.8	18 8.02	3.2315	−0.0037	−7 11 23.2	+6.705	+0.441	13.03	7.4927		−0.04 +0.1
2320	7.4	18 12.57	3.1986	−0.0033	−5 42 47.7	+6.711	+0.437	13.24	5.4956		
2321	8.0	18 33.02	3.1716	−0.0031	−4 30 3.7	+6.739	+0.433	13.54	4.4799		
2322	7.6	18 53.00	3.1966	−0.0033	−5 37 55.7	+6.767	+0.436	13.54	5.4961		+0.05 −0.7
2323	6.8	19 11.12	3.1848	−0.0033	−5 5 58.2	+6.791	+0.434	13.48	5.4964		+0.05 −0.7
2324	8.0	19 39.57	3.1593	−0.0030	−3 56 55.2	+6.831	+0.430	9.71, 9.91	4.4805	schwach	
2325	7.0	19 54.72	3.1225	−0.0027	−2 16 40.5	+6.851	+0.425	6.23, 6.38	2.4986		+0.05 −0.3
2326	7.8	20 39.47	3.1200	−0.0027	−2 0 52.5	+6.913	+0.424	13.53	2.4992		
2327	7.7	21 28.44	3.2032	−0.0036	−5 57 14.1	+6.980	+0.435	13.55	6.5151		+0.03 0.0
2328	7.5	21 39.65	3.1216	−0.0028	−2 14 29.0	+6.995	+0.424	5.28	2.4998		
2329	6.8	22 2.14	3.1829	−0.0034	−5 2 22.6	+7.026	+0.432	5.92	5.4979		−0.01 −0.2
2330	6.8	23 26.09	3.2319	−0.0040	−7 16 9.6	+7.140	+0.437	12.02	7.4948		+0.07 −0.9
2331	8.0	23 37.29	3.1076	−0.0027	−1 36 25.9	+7.155	+0.420	4.63	1.3753	+0.03 −1.8	
2332	6.9	23 40.18	3.0721	−0.0024	+0 1 14.8	+7.159	+0.415	9.16, 9.48	0.3760	+0.10 −1.3	+0.02 +0.1
2333	7.2	24 25.22	3.0872	−0.0026	−0 40 19.9	+7.221	+0.417	13.38, 13.36	0.3762	−0.01 +0.9	+0.03 −1.2
2334	**5.3**	**24 54.64**	**3.1382**	**−0.0031**	**−3 1 2.8**	**+7.261**	**+0.423**			*e* **Aquilae F.St.**	
2335	7.0	24 59.78	3.2198	−0.0039	−6 44 22.0	+7.268	+0.434	12.05	6.5170		+0.10 −0.9[4]
2336	7.7	25 16.73	3.1218	−0.0030	−2 15 51.7	+7.291	+0.421	9.93	2.5022		
2337	7.3	25 32.39	3.1234	−0.0030	−2 20 25.4	+7.312	+0.421	10.55	2.5024		−0.08 −0.3
2338	8.0	27 33.84	3.1802	−0.0037	−4 57 41.9	+7.477	+0.427	12.33	5.5003		
2339	7.6	27 53.73	3.1805	−0.0037	−4 58 41.5	+7.504	+0.427	6.60, 5.60	5.5006		+0.10 −0.3
2340	7.8	29 23.92	3.1709	−0.0037	−4 32 58.2	+7.625	+0.424	12.04	4.4846		0.00 −0.4
2341	7.0	29 33.55	3.2397	−0.0045	−7 41 59.3	+7.638	+0.433	13.10	7.4998		+0.12 −0.8
2342	7.7	30 7.18	3.1307	−0.0033	−2 41 44.8	+7.684	+0.418	3.90	2.5054		+0.11 −0.2
2343	8.0	30 22.65	3.0755	−0.0027	−0 8 18.9	+7.704	+0.411	4.78	0.3788	+0.02 −1.7	[5]
2344	7.2	30 23.24	3.0724	−0.0027	+0 0 28.0	+7.705	+0.410	6.77	0.3789	+0.06 +0.7	+0.01 +0.3[6]
2345	8.0	30 33.28	3.2068	−0.0041	−6 12 45.6	+7.719	+0.428	13.52	6.5201	schwach	
2346	7.8	30 44.34	3.1808	−0.0039	−5 0 54.7	+7.734	+0.425	12.95	5.5021		0.00 +0.7
2347	8.0	30 50.23	3.1987	−0.0040	−5 50 23.3	+7.742	+0.427	13.08	5.5022	schwach	
2348	7.5	30 56.61	3.1705	−0.0038	−4 32 35.6	+7.750	+0.423	13.57	4.4855		+0.09 −0.1
2349	**5.0**	**30 58.41**	**3.2298**	**−0.0044**	**−7 16 17.0**	**+7.752**	**+0.431**			**x Aquilae F.St.**	
2350	4.2	31 1.86	3.1055	−0.0031	−1 31 48.0	+7.758	+0.414	10.93	1.3782	−0.03 −0.9	+0.08 −0.2[7]

[1] E.B.C. +0.0054, +0.0051
[2] E.B.N. −0.0015, −0.004
[3] E.B.C. +0.0024, −0.030
N. +0.0036, +0.005
[4] E.B.C. −0.0101, −0.113
[5] E.B.C. −0.0035, −0.366
N. −0.341
B. −0.369
[6] E.B.C. 0.000, −0.40
[7] E.B.N. −0.0009, −0.005

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
2351	8.0	$19^h31^m25^s.32$	3.1526	−0.0036	$-3°43'11''.7$	+7.789	+0.420	12.08	3.4649		−0.01 −0.5
2352	7.5	31 26.96	3.1887	−0.0040	−5 23 11.6	+7.791	+0.425	13.48	5.5023		
2353	7.8	31 37.80	3.0884	−0.0029	−0 44 15.3	+7.805	+0.411	13.58	0.3799	−0.09 −0.5	−0.01 −0.7
2354	7.3	31 53.22	3.1869	−0.0040	−5 18 27.1	+7.826	+0.424	13.50	5.5026		
2355	7.2	31 54.72	3.1532	−0.0029	−0 22 32.6	+7.829	+0.410	12.09	0.3801	−0.01 +1.8	
2356	5.0	31 57.22	3.1779	−0.0039	−4 53 32.2	+7.832	+0.423	13.51	4.4861		+0.10 +0.5[1]
2357	8.0	31 57.69	3.2103	−0.0043	−6 23 23.5	+7.832	+0.428	13.55	6.5213		
2358	7.6	32 33.52	3.0883	−0.0030	−0 44 12.4	+7.880	+0.411	4.85	0.3804	+0.04 +0.1	+0.02 −0.6
2359	7.8	33 45.89	3.2222	−0.0045	−6 57 30.0	+7.977	+0.428	10.51	7.5024		
2360	8.0	33 46.00	3.2082	−0.0043	−6 18 49.3	+7.977	+0.426	10.40	6.5221		[2]
2361	6.8	34 30.11	3.1948	−0.0042	−5 41 59.2	+8.036	+0.423	8.08	5.5036		+0.09 −0.6
2362	7.0	34 48.53	3.2394	−0.0048	−7 45 50.3	+8.061	+0.429	13.14, 11.88	7.5028		+0.05 −0.8
2363	7.5	34 56.69	3.1643	−0.0039	−4 17 13.3	+8.072	+0.419	12.05, 12.26	4.4877		+0.04 −0.5
2364	5.8	35 3.36	3.0912	−0.0031	−0 52 31.4	+8.081	+0.409	4.85	0.3813	−0.02 +0.9	−0.07 +0.1[3]
2365	8.0	35 11.06	3.1179	−0.0034	−2 7 24.0	+8.091	+0.412	4.11	2.5079		
2366	8.0	35 20.03	3.1618	−0.0039	−4 10 23.6	+8.103	+0.418	13.58	4.4880		
2367	8.9	35 23.18	3.1272	−0.0035	−2 33	+8.107	+0.414	13.55	2.5080	nur 3 Beob. in α	
2368	8.0	35 28.14	3.1274	−0.0035	−2 34 5.1	+8.113	+0.414	13.50	2.5081		−0.09 +1.1
2369	7.7	35 59.21	3.1696	−0.0040	−4 32 41.3	+8.155	+0.419	10.77	4.4883		+0.04 −0.2
2370	7.9	36 25.58	3.2080	−0.0045	−6 20 6.2	+8.190	+0.424	7.67, 8.08	6.5237		
2371	7.7	39 24.16	3.1425	−0.0038	−3 18 0.1	+8.427	+0.412	5.46, 5.57	3.4696		
2372	7.2	39 33.21	3.2275	−0.0049	−7 16 56.7	+8.439	+0.423	7.22	7.5056		+0.04 −0.7
2373	8.0	39 40.68	3.1099	−0.0035	−1 45 50.6	+8.449	+0.408	7.97	1.3819	+0.03 +0.6	
2374	8.0	39 52.17	3.1631	−0.0041	−4 16 25.2	+8.464	+0.415	10.70	4.4905		
2375	7.9	40 0.97	3.0928	−0.0033	−0 57 38.1	+8.476	+0.405	9.16	1.3821	−0.03 −0.6	−0.02 −0.6
2376	6.7	40 7.15	3.1392	−0.0038	−3 8 58.4	+8.484	+0.411	7.60	3.4701		−0.03 −0.3
2377	7.7	40 53.55	3.1072	−0.0035	−1 38 40.3	+8.545	+0.406	4.80	1.3824	+0.05 −0.1	
2378	7.8	41 2.65	3.1556	−0.0040	−3 55 52.4	+8.557	+0.413	13.18	4.4916		0.00 −0.2
2379	8.0	41 13.88	3.2382	−0.0051	−7 48 25.8	+8.572	+0.423	13.48	7.5060	manchmal schwach	
2380	7.8	41 27.89	3.2125	−0.0048	−6 36 39.8	+8.591	+0.420	13.08	6.5263		+0.04 +0.3
2381	8.0	41 47.03	3.2339	−0.0051	−7 36 59.2	+8.616	+0.422	13.40	7.5061		
2382	7.8	41 56.52	3.1888	−0.0045	−5 30 13.9	+8.628	+0.416	7.86	5.5060		+0.02 +0.7
2383	7.5	42 56.38	3.1167	−0.0037	−2 5 56.6	+8.707	+0.406	4.45	2.5124		+0.05 −0.2[4]
2384	7.8	43 7.73	3.1730	−0.0044	−4 46 9.6	+8.722	+0.413	5.59	4.4926		+0.08 −0.5
2385	8.0	43 47.03	3.1736	−0.0044	−4 48 16.2	+8.753	+0.413	10.70	4.4936		+0.04 +0.1
2386	6.5	44 59.35	3.1768	−0.0045	−4 58 18.7	+8.868	+0.412	8.40	5.5075		−0.02 +0.3
2387	6.7	45 27.10	3.1298	−0.0040	−2 44 19.1	+8.905	+0.405	4.83	2.5133		+0.09 −0.6
2388	8.0	46 20.52	3.1234	−0.0039	−2 26 4.0	+8.974	+0.404	4.62	2.5136		
2389	8.0	46 48.28	3.1945	−0.0048	−5 50 1.7	+9.011	+0.412	10.70	5.5091		
2390	7.0	47 22.88	3.1942	−0.0049	−5 49 21.6	+9.056	+0.412	13.04	5.5096		+0.01 +0.6
2391	8.0	47 30.41	3.1738	−0.0044	−4 51 23.1	+9.065	+0.409	9.59	4.4960		+0.03 −0.1
2392	8.0	47 31.60	3.2340	−0.0054	−7 42 45.8	+9.067	+0.417	12.52	7.5092		
2393	6.2	47 33.02	3.1433	−0.0042	−3 23 55.9	+9.069	+0.405	4.84	3.4742		+0.02 −0.8
2394	8.0	48 25.58	3.1836	−0.0048	−5 19 51.2	+9.137	+0.410	13.36	5.5099		+0.02 +0.2
2395	8.0	49 1.70	3.2257	−0.0054	−7 20 31.3	+9.184	+0.414	13.36	7.5099		
2396	6.0	49 6.69	3.0728	−0.0034	−0 0 47.5	+9.190	+0.394	4.30	0.3871	−0.02 +0.9	+0.03 −0.7[5]
2397	6.3	49 25.55	3.2188	−0.0053	−7 1 16.6	+9.215	+0.413	10.07	7.5102		+0.04 −0.3
2398	7.3	51 16.53	3.2323	−0.0056	−7 41 50.7	+9.358	+0.413	5.58	7.5114		
2399	6.7	51 31.02	3.2173	−0.0054	−6 59 11.4	+9.377	+0.411	6.47	7.5115		−0.04 0.0[6]
2400	7.0	51 35.52	3.0713	−0.0035	+0 3 31.9	+9.383	+0.392	4.67	0.3881	+0.01 +1.2	+0.02 −0.2

[1] E.B.C. +0.0055, −0.0057
[2] E.B. in α?
[3] 9 Beob. E.B.N. −0.0005, +0.0012
[4] 12 Beob.
[5] E.B.N, 12 Beob. +0.0003, −0.0015
[6] E.B.C. 0.0000, −0.0156

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radd.
2401	7·5	$19^h\,52^m\ 4^s.36$	$3^s.2120$	$-0^s.0054$	$-6°\,44'\,21''.0$	$+9''.420$	$+0''.410$	9.53	6.5319		$+0^s.07$ $-0^s.3$
2402	7·5	52 39.40	3.1246	−0.0042	−2 31 42.3	+9.465	+0.398	3.71	2.5155		+0.03 0.0
2403	8.2	52 41.30	3.1684	−0.0048	−4 39 6.9	+9.467	+0.403	5.60	4.4984		$+0.13$ -0.2[1]
2404	6.8	52 46.15	3.1518	−0.0045	−3 50 59.8	+9.474	+0.401	4.38	3.4757		+0.10 −0.1
2405	7.0	53 58.64	3.1191	−0.0042	−2 16 6.6	+9.567	+0.396	4.68	2.5159		−0.06 −1.3
2406	7.8	55 0.54	3.1671	−0.0048	−4 36 42.9	+9.646	+0.401	7.65	4.4992		+0.06 +0.2
2407	7·5	56 0.23	3.0828	−0.0037	−0 30 9.4	+9.722	+0.389	4.44	0.3899	$-0^s.02$ $-0''.6$	+0.11 -0.4[2]
2408	6.3	56 20.85	3.1808	−0.0051	−5 17 38.9	+9.748	+0.401	5.58	5.5138		+0.05 +0.1
2409	7·3	56 52.14	3.1469	−0.0046	−3 38 50.4	+9.788	+0.396	3.87	3.4771		+0.05 +1.0
2410	8.0	57 48.34	3.0769	−0.0037	−0 13 4.4	+9.860	+0.386	5.11	0.3903	+0.29 +0.5	+0.09 −0.2
2411	6.7	58 6.02	3.2314	−0.0060	−7 46 36.9	+9.882	+0.406	6.46	7.5159		+0.03 −0.1
2412	6.5	58 43.15	3.0931	−0.0040	−1 0 55.9	+9.929	+0.388	4.77	1.3887	−0.04 −0.6	+0.07 -0.6[3]
2413	7·3	59 18.79	3.1663	−0.0050	−4 37 16.4	+9.974	+0.396	6.90	4.5010		+0.05 +0.5
2414	6.5	20 0 24.37	3.1013	−0.0050	−4 23 27.1	+10.057	+0.393	7.45	4.5013		−0.04 −0.6
2415	8.0	0 30.50	3.1135	−0.0043	−2 1 50.3	+10.065	+0.388	4.06	2.5178		+0.10 $+0.8$[4]
2416	7.2	0 48.06	3.1682	−0.0051	−4 43 54.3	+10.087	+0.395	7.25	4.5016		+0.12 −0.7
2417	**6.7**	**2 14.19**	**3.2155**	**−0.0059**	**−7 4 43.8**	**+10.195**	**+0.399**			**Ll. 38458 F.St.**	
2418	7.0	2 20.97	3.0925	−0.0041	−0 59 39.4	+10.204	+0.384	5.00, 4.94	1.3899	−0.16 −0.1	−0.11 -0.9[5]
2419	7.6	3 12.12	3.0820	−0.0040	−0 28 28.0	+10.268	+0.382	5.63	0.3926	+0.04 +2.7	+0.03 +0.5
2420	7.9	3 36.20	3.1311	−0.0047	−2 55 16.7	+10.298	+0.387	6.90	3.4793		+0.06 +1.3
2421	7.8	3 42.05	3.1045	−0.0043	−1 35 43.1	+10.306	+0.384	9.38, 8.70	1.3902	+0.08 +0.2	[6]
2422	8.0	4 37.99	3.2026	−0.0058	−6 29 12.1	+10.375	+0.395	11.93	6.5391		+0.04 −0.1
2423	6.8	5 14.17	3.2009	−0.0058	−6 24 45.5	+10.421	+0.394	13.06	6.5394		+0.01 −0.6
2424	7.8	5 17.90	3.1504	−0.0050	−3 53 58.0	+10.425	+0.388	13.40	4.5042		
2425	**3.0**	**5 37.73**	**3.0954**	**−0.0042**	**−1 8 50.3**	**+10.450**	**+0.381**			***β* Aquilae F.St.**	
2426	8.0	5 42.37	3.2252	−0.0062	−7 37 26.3	+10.456	+0.397	13.56	7.5200		
2427	6.8	6 46.29	3.2060	−0.0060	−6 41 38.2	+10.535	+0.393	13.15	6.5403		−0.03 −0.6
2428	8.0	6 47.15	3.2299	−0.0064	−7 52 44.1	+10.536	+0.396	13.41	7.5207		
2429	8.0	6 59.73	3.2280	−0.0064	−7 47 12.6	+10.552	+0.396	13.59	7.5211		
2430	6.5	7 2.47	3.1386	−0.0049	−3 19 29.5	+10.555	+0.385	4.16	3.4817		0.00 −0.2
2431	7.6	7 23.29	3.0856	−0.0041	−0 39 37.3	+10.584	+0.378	4.98	0.3942	−0.02 +0.9	+0.05 −0.2
2432	6.7	7 33.04	3.0990	−0.0043	−1 20 18.3	+10.593	+0.379	8.22	1.3920	−0.05 +0.6	-0.02 -1.3[7]
2433	7·5	8 32.56	3.1991	−0.0059	−6 22 47.4	+10.667	+0.391	8.25	6.5411		+0.01 −0.3
2434	8.0	9 9.93	3.1696	−0.0055	−4 54 39.0	+10.713	+0.386	9.57, 9.22	5.5194		
2435	7.0	9 24.96	3.1482	−0.0051	−3 50 8.3	+10.731	+0.383	4.02	3.4825		0.00 -0.1[8]
2436	7.0	9 32.80	3.1886	−0.0058	−5 52 16.3	+10.741	+0.388	13.10, 13.35	5.5196		+0.02 +0.4
2437	6.6	9 33.59	3.2285	−0.0065	−7 51 57.8	+10.742	+0.393	12.41	7.5229		+0.03 −0.4
2438	7.9	9 59.10	3.1296	−0.0049	−2 53 59.9	+10.774	+0.380	4.66	2.5213		+0.03 +0.6
2439	7.2	11 4.34	3.1477	−0.0052	−3 49 34.8	+10.853	+0.381	6.94	3.4838		+0.05 +0.2
2440	7.8	11 17.09	3.1009	−0.0045	−1 32 57.5	+10.869	+0.376	4.68	1.3938	−0.02 +1.9	
2441	7.8	11 41.77	3.1196	−0.0048	−2 24 7.7	+10.899	+0.377	8.06	2.5221		
2442	8.0	11 44.81	3.2052	−0.0062	−6 44 38.0	+10.903	+0.388	7.48, 7.65	6.5433		
2443	6.8	12 21.62	3.1719	−0.0056	−5 4 8.0	+10.948	+0.383	11.87	5.5216		+0.03 +0.3
2444	7.8	12 21.91	3.2032	−0.0062	−6 39 11.9	+10.948	+0.387	10.17	6.5440		
2445	7.8	13 3.97	3.2094	−0.0063	−6 58 44.3	+11.000	+0.387	13.22	7.5246		
2446	6.5	14 2.16	3.1002	−0.0045	−1 25 26.6	+11.071	+0.372	4.34	1.3951	−0.04 −0.2	+0.05 −0.2
2447	7.5	14 7.14	3.0969	−0.0044	−1 15 3.7	+11.077	+0.372	5.50	1.3952	+0.03 +1.0	0.00 +0.4
2448	8.0	14 9.40	3.1230	−0.0049	−2 35 32.3	+11.079	+0.375	3.76	2.5240		-0.02 $+1.1$[9]
2449	7.8	14 12.93	3.0918	−0.0044	−0 59 25.5	+11.084	+0.371	8.27	1.3954	−0.04 +1.5	−0.04 +0.6
2450	6.3	14 34.76	3.2037	−0.0063	−6 42 17.5	+11.110	+0.384	7.80, 8.35	6.5451		$+0.12$ -0.1[10]

[1] 2 Beob.
[2] E.B.C. −0.0015, −0.118
N. −0.0015, −0.103
[3] E.B.N. +0.0061, −0.062
[4] E.B. in α?
[5] dpl. a.
[6] dpl. a.
[7] E.B.N. +0.0001, −0.014
[8] dpl. a.
[9] dpl. a.
[10] in α 10 Beob.

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
2451	7.3	$20^h\,15^m\,16\overset{s}{.}83$	3.2030	−0.0063	−6°42′ 0″.5	+11.161	+0.383	9.53	6.5455		+0.12 −0.5
2452	8.0	15 51.21	3.1725	−0.0058	−5 9 13.1	+11.203	+0.379	11.20	5.5239		
2453	8.0	15 50.83	3.1777	−0.0059	−5 25 55.3	+11.275	+0.378	8.22	5.5245		
2454	7.8	17 21.76	3.1529	−0.0055	−4 9 48.8	+11.312	+0.375	7.85	4.5110		−0.03 +0.9
2455	7.3	17 39.82	3.0880	−0.0044	−0 48 15.5	+11.334	+0.367	5.31, 4.88	0.3991	−0.03 −0.1	+0.02 +0.2
2456	6.8	17 47.46	3.1810	−0.0060	−5 37 7.6	+11.343	+0.378	9.39	5.5253		+0.05 −0.7
2457	8.0	18 29.24	3.0902	−0.0045	−0 55 15.6	+11.393	+0.366	5.28	1.3971	+0.03 −0.2	+0.06 −0.7
2458	8.0	18 59.99	3.1089	−0.0048	−1 53 46.3	+11.430	+0.368	4.30	2.5270	0.00 +2.2	+0.05 +1.9[1]
2459	6.3	19 58.24	3.1329	−0.0052	−3 9 24.3	+11.500	+0.369	4.98	3.4888		−0.04 −0.6
2460	7.7	20 15.42	3.1533	−0.0056	−4 13 22.8	+11.520	+0.372	8.88, 8.23	4.5124		
2461	8.0	20 31.50	3.1974	−0.0064	−6 30 58.5	+11.540	+0.376	6.42	6.5479	4 Beob.	
2462	8.0	21 23.62	3.1210	−0.0050	−2 32 48.8	+11.602	+0.366	4.51, 4.52	2.5279		+0.05 +0.1
2463	7.8	21 43.91	3.1090	−0.0048	−1 55 5.5	+11.626	+0.364	5.28, 5.23	2.5281	−0.03 −0.3	+0.03 +0.1[2]
2464	8.0	21 44.55	3.1292	−0.0050	−2 28 43.2	+11.626	+0.366	8.00	2.5282		+0.11 −0.1[3]
2465	7.0	21 45.16	3.1194	−0.0050	−2 27 43.7	+11.627	+0.366	9.10	2.5283		−0.01 +0.4[4]
2466	7.3	21 55.85	3.1872	−0.0062	−6 0 57.0	+11.640	+0.373	11.20	6.5487		+0.09 −0.1
2467	7.8	21 58.21	3.2068	−0.0066	−7 2 7.6	+11.643	+0.376	12.90	7.5301		
2468	8.0	22 0.73	3.1761	−0.0060	−5 26 20.1	+11.650	+0.372	13.51	5.5275		
2469	6.4	22 39.25	3.1432	−0.0055	−3 43 13.1	+11.691	+0.367	6.36, 6.47	3.4066		−0.05 +0.4
2470	8.0	22 49.51	3.1635	−0.0058	−4 47 32.5	+11.704	+0.370	9.60	4.5147		
2471	7.3	23 7.49	3.1122	−0.0049	−2 5 51.0	+11.725	+0.363	11.04, 9.92	2.5286		+0.08 +0.7
2472	7.8	23 15.32	3.0952	−0.0046	−1 11 49.5	+11.734	+0.361	5.13	1.3984	−0.06 −0.2	
2473	8.0	23 53.69	3.1586	−0.0057	−4 32 53.9	+11.779	+0.368	9.27, 9.98	4.5153		
2474	5.5	23 54.04	3.1340	−0.0053	−3 15 3.5	+11.780	+0.365	4.50	3.4918		0.00 −0.5
2475	8.0	24 13.83	3.1633	−0.0059	−4 48 5.9	+11.803	+0.368	13.10	4.5154		
2476	5.5	25 23.38	3.1282	−0.0053	−2 57 39.2	+11.885	+0.362	5.69	3.4928	2 Beob.	
2477	8.0	26 6.74	3.1849	−0.0064	−5 58 26.4	+11.936	+0.368	8.04	6.5511		+0.02 −0.2
2478	6.8	26 15.91	3.1781	−0.0062	−5 36 50.9	+11.947	+0.367	9.53	5.5299	0.00 +2.3	+0.01 −0.6
2479	7.7	26 15.92	3.0824	−0.0045	−0 31 32.8	+11.947	+0.356	4.68	0.4033	0.00 +2.3	−0.01 +0.2
2480	8.7	26 24.85	3.1279	−0.0053	−2 57 3.9	+11.957	+0.361	3.33	3.4933	4 Beob.	
2481	8.0	27 3.47	3.1765	−0.0062	−5 32 40.4	+12.002	+0.366	9.60	5.5302		
2482	7.3	27 34.33	3.1961	−0.0066	−6 35 36.2	+12.038	+0.368	9.56	6.5521		+0.08 −0.3
2483	8.0	28 43.59	3.0884	−0.0046	−0 51 16.5	+12.110	+0.354	4.70	0.4043	−0.02 +0.7	
2484	8.0	28 54.15	3.0921	−0.0047	−1 3 5.3	+12.131	+0.354	6.74	1.3998	−0.02 −0.6	+0.07 −0.4
2485	8.0	29 32.80	3.1824	−0.0064	−5 54 11.4	+12.176	+0.364	7.18	6.5528		
2486	8.0	29 44.20	3.1176	−0.0052	−2 25 48.9	+12.189	+0.356	5.18	2.5315		
2487	7.8	29 51.77	3.1672	−0.0061	−5 5 52.1	+12.198	+0.361	9.27	5.5315		
2488	7.6	30 8.32	3.0795	−0.0045	−0 22 46.2	+12.217	+0.351	4.98	0.4050	−0.01 −0.8	+0.13 +0.2
2489	**5.0**	**30 59.92**	**3.1266**	**−0.0054**	**−2 55 49.7**	**+12.277**	**+0.355**			**70 Aquilae F.St.**	
2490	7.8	31 29.77	3.1037	−0.0050	−1 41 37.9	+12.311	+0.352	9.63	1.4015	−0.02 +0.9	
2491	6.6	31 40.05	3.0779	−0.0045	−0 17 5.4	+12.323	+0.349	8.28	0.4056	−0.07 +1.0	+0.06 −0.4
2492	6.8	32 21.27	3.1602	−0.0061	−4 45 55.6	+12.370	+0.357	13.04	4.5204		+0.02 −0.4
2493	7.7	32 33.63	3.1626	−0.0061	−4 53 45.9	+12.384	+0.357	8.23, 8.75	5.5330		+0.02 +0.9
2494	4.7	32 39.42	3.0999	−0.0049	−1 29 20.7	+12.391	+0.350	4.94	1.4016	−0.01 +0.7	+0.12 −1.0[5]
2495	6.5	33 17.50	3.1701	−0.0063	−5 18 55.5	+12.435	+0.357	7.68	5.5335		−0.01 +1.0
2496	6.9	33 29.86	3.1238	−0.0054	−2 47 57.4	+12.449	+0.352	5.03	2.5328		−0.04 +0.6
2497	5.4	33 46.59	3.0797	−0.0044	+0 6 1.3	+12.468	+0.345	5.79	0.4064	−0.06 +1.0	+0.04 +0.6[6]
2498	7.0	34 28.80	3.1280	−0.0055	−3 2 27.1	+12.516	+0.351	5.13	3.4981		+0.08 −0.3
2499	8.0	34 53.81	3.2040	−0.0071	−7 11 9.5	+12.545	+0.359	9.13	7.5369		+0.02 −0.3
2500	7.7	35 34.11	3.1890	−0.0068	−6 23 18.1	+12.590	+0.357	8.22, 7.89	6.5558		+0.01 +1.2

[1] 12 Beob.
[2] 10 Beob.
[3] dpl. pr. E.B.C. −0″.0095, −0″.072
[4] E.B.C. −0″.0090, −0″.062
[5] E.B.N. −0″.0003, −0″.001
[6] E.B.N. +0″.0050, −0″.020

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
2501	8.0	20h 36m 3s.42	3s.1414	—0s.0058	—3° 47′ 31″.8	+12″.624	+0″.351	7.62	3.4987		
2502	7.8	36 40.92	3.1758	—0.0065	—5 41 19.2	+12.666	+0.354	6.49	5.5349		
2503	7.6	36 44.26	3.1218	—0.0054	—2 43 11.0	+12.670	+0.347	4.41	2.5343		+0s.04 +0s.5
2504	8.0	37 50.42	3.1238	—0.0055	—2 50 42.3	+12.755	+0.346	4.76	2.5351	10 Beob.	
2505	7.5	38 7.39	3.1806	—0.0067	—5 59 9.9	+12.764	+0.352	8.73	6.5568		
2506	7.0	38 26.36	3.1502	—0.0060	—4 18 41.2	+12.785	+0.349	7.18	4.5241		—0.03 +1.6
2507	7.8	39 18.17	3.0744	—0.0045	—0 6 12.4	+12.843	+0.339	4.68	0.4084	—0s.05 —0s.3	[1]
2508	8.0	39 31.87	3.0983	—0.0050	—1 26 27.6	+12.858	+0.341	5.16	1.4043	—0.01 0.0	
2509	7.8	40 18.99	3.0944	—0.0049	—1 13 28.1	+12.911	+0.340	5.34	1.4047	+0.02 +0.1	
2510	7.0	40 22.03	3.0857	—0.0047	—0 44 25.6	+12.914	+0.339	7.71, 7.46	1.4089	—0.11 +0.5	—0.01 +0.1
2511	8.0	41 6.45	3.1281	—0.0056	—3 7 0.4	+12.964	+0.343	3.86	3.5017		
2512	6.8	41 20.42	3.1239	—0.0055	—2 53 18.6	+12.979	+0.342	7.44	3.5018		+0.07 —0.1
2513	8.0	41 47.34	3.2067	—0.0074	—7 30 51.6	+13.009	+0.350	9.41	7.5402		
2514	4.2	41 55.99	3.1692	—0.0065	—5 25 48.0	+13.019	+0.346	10.92	5.5378		+0.10 —1.1
2515	7.5	42 28.23	3.1621	—0.0064	—5 2 36.5	+13.055	+0.344	12.07	5.5382		—0.03 0.0
2516	7.6	42 49.58	3.0762	—0.0046	—0 12 23.9	+13.078	+0.335	7.84, 8.46	0.4101	—0.10 +0.3	[2]
2517	6.8	43 37.86	3.0896	—0.0049	—0 58 10.1	+13.132	+0.335	4.93	1.4057	—0.05 +1.4	+0.03 —0.5
2518	7.4	43 57.21	3.1983	—0.0072	—7 6 18.0	+13.153	+0.347	9.33	7.5413		—0.04 +0.2
2519	7.5	44 10.86	3.0854	—0.0048	—0 43 56.5	+13.168	+0.334	4.24, 4.35	0.4106	0.00 —0.3	+0.02 —1.0
2520	8.0	44 54.35	3.1640	—0.0065	—5 12 1.0	+13.216	+0.341	6.67	5.5396		
2521	8.0	45 32.09	3.1549	—0.0063	—4 41 48.4	+13.258	+0.339	7.21	4.5280		
2522	6.5	45 35.75	3.1786	—0.0068	—6 2 14.6	+13.261	+0.342	11.17, 11.05	6.5604		—0.07 —0.4
2523	6.0	46 19.65	3.1762	—0.0068	—5 55 9.0	+13.309	+0.341	8.97, 8.74	6.5606		+0.06 —0.4
2524	8.0	46 36.99	3.1359	—0.0059	—3 37 56.1	+13.328	+0.335	4.26, 4.21	3.5048		+0.02 +0.2[3]
2525	8.0	46 37.34	3.0820	—0.0047	—0 31 53.1	+13.328	+0.330	5.17	0.4117	+0.45 —0.3	
2526	8.0	47 49.21	3.0741	—0.0046	—0 5 19.5	+13.406	+0.328	4.68	0.4121	0.00 +0.5	
2527	6.5	48 6.63	3.1998	—0.0074	—7 18 16.7	+13.425	+0.341	7.42	7.5433		+0.04 —0.6
2528	6.7	48 17.33	3.1586	—0.0064	—4 57 30.4	+13.437	+0.336	8.23	5.5410		—0.08 —0.2
2529	7.8	49 11.39	3.2043	—0.0075	—7 35 27.7	+13.495	+0.340	9.37	7.5437		
2530	8.2	49 12.94	3.1035	—0.0052	—1 47 35.6	+13.497	+0.329	5.73, 7.26	1.4073	+0.08 —0.1	0.00 +0.5
2531	6.7	49 27.06	3.1034	—0.0052	—1 47 31.6	+13.512	+0.329	8.79	1.4075	—0.03 —1.0	—0.02 +0.6[4]
2532	6.9	50 32.91	3.1410	—0.0061	—3 58 56.3	+13.583	+0.331	8.35, 8.03	4.5307		+0.08 0.0
2533	8.0	50 47.32	3.1997	—0.0075	—7 22 34.4	+13.598	+0.337	10.85	7.5448		
2534	7.5	50 59.21	3.1428	—0.0061	—4 5 44.4	+13.611	+0.331	8.83	4.5311		
2535	8.2	51 15.66	3.0711	—0.0045	+0 4 54.1	+13.629	+0.323	4.35	0.4130	+0.04 —0.1	
2536	6.8	51 32.83	3.0718	—0.0046	+0 2 36.3	+13.647	+0.323	5.13	0.4132	—0.01 +1.1	+0.10 +0.1[5]
2537	7.0	52 59.63	3.1452	—0.0062	—4 16 2.0	+13.740	+0.328	7.22	4.5321		0.00 —0.7
2538	7.8	53 4.89	3.1362	—0.0060	—3 44 34.3	+13.745	+0.327	4.70	3.5084		+0.04 —1.6
2539	7.8	53 15.22	3.1977	—0.0075	—7 19 56.1	+13.756	+0.333	10.18	7.5460		
2540	8.0	53 50.34	3.1046	—0.0053	—1 53 37.4	+13.793	+0.323	11.87, 10.87	2.5421	—0.08 +9.8	[6]
2541	6.5	54 43.91	3.1725	—0.0069	—5 54 19.8	+13.850	+0.329	13.12	6.5650		+0.08 —0.2
2542	**6.0**	**54 46.27**	**3.1597**	**—0.0066**	**—5 9 17.0**	**+13.852**	**+0.327**			**11 Aquarii F.St.**	
2543	8.0	54 52.16	3.1704	—0.0069	—5 47 11.8	+13.859	+0.328	13.65	5.5434		
2544	8.0	55 23.63	3.1378	—0.0061	—3 52 13.3	+13.892	+0.324	12.64	4.5332		
2545	8.0	55 39.32	3.1221	—0.0057	—2 56 38.5	+13.908	+0.322	4.88	3.5092		
2546	7.3	55 54.34	3.1493	—0.0064	—4 33 45.9	+13.924	+0.324	11.97	4.5337		
2547	8.0	56 5.00	3.1583	—0.0066	—5 5 48.5	+13.935	+0.325	13.63	5.5440		
2548	7.8	57 5.01	3.2029	—0.0077	—7 45 18.3	+13.998	+0.329	12.99	7.5476		—0.02 +0.5
2549	6.8	57 19.39	3.0952	—0.0051	—1 21 29.3	+14.013	+0.317	9.03	1.4095	+0.04 +0.7	—0.08 —0.4
2550	7.3	57 26.59	3.1016	—0.0053	—1 44 29.9	+14.021	+0.317	11.55	1.4098	0.00 —0.5	+0.07 —0.3

[1] E.B.N. in α +0s.0125
[2] E.B. in α?
[3] 10 Beob.
[4] E.B.N. in δ —0″.093
[5] E.B.N. in δ —0″.075
[6] E.B.N. in δ —0″.19

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radcl.
2551	8.0	$20^h\,57^m\,37^s.17$	3.1697	−0.0069	−5° 48′ 29″.4	+14.032	+0.324	7.66	3.5447		+0.04 +0.7
2552	8.0	57 40.87	3.1226	−0.0058	−3 0 17.4	+14.035	+0.319	4.70	3.5101		
2553	7.4	57 46.95	3.1185	−0.0056	−2 45 20.0	+14.042	+0.319	8.65	2.5433		
2554	7.0	57 47.94	3.1061	−0.0054	−2 0 49.5	+14.043	+0.317	9.42	2.5434	−0.06 +1.7	−0.04 −0.2
2555	6.0	58 15.53	3.1770	−0.0071	−6 15 29.6	+14.071	+0.324	7.72	6.5664		−0.06 −0.9
2556	7.0	59 45.75	3.1520	−0.0065	−4 47 59.2	+14.165	+0.319	8.73	4.5355		+0.03 −0.2
2557	7.0	21 0 54.67	3.0815	−0.0048	−0 32 41.9	+14.236	+0.310	7.10	0.4161	+0.03 +0.1	+0.02 +1.4
2558	7.7	1 12.21	3.0956	−0.0051	−1 24 13.1	+14.254	+0.311	9.58	1.4106	+0.02 +0.1	
2559	7.3	1 41.99	3.0923	−0.0051	−1 12 26.3	+14.284	+0.311	10.05, 10.44	1.4108	−0.03 +2.7	0.00 −0.3 [1]
2560	7.8	1 53.85	3.1713	−0.0070	−6 0 53.9	+14.296	+0.318	7.72	6.5683		
2561	7.2	1 54.11	3.0824	−0.0048	−0 36 20.0	+14.297	+0.309	8.94, 8.36	0.4163	−0.01 +0.8	+0.08 −0.8
2562	7.0	1 59.65	3.1134	−0.0056	−2 29 41.5	+14.302	+0.312	4.14	2.5456		−0.06 −0.8
2563	7.0	2 28.63	3.0959	−0.0051	−1 25 58.4	+14.332	+0.310	8.13	1.4111	0.00 −0.4	+0.03 +0.2
2564	7.8	2 53.72	3.1942	−0.0077	−7 25 50.6	+14.358	+0.319	9.73	7.5501		−0.06 +0.2
2565	7.8	3 6.48	3.1833	−0.0074	−6 46 23.3	+14.371	+0.318	12.22, 12.26	6.5689		
2566	7.0	3 9.50	3.1709	−0.0070	−6 1 28.8	+14.374	+0.316	12.17	6.5690		+0.08 0.0
2567	8.0	3 18.90	3.1418	−0.0063	−4 15 0.6	+14.383	+0.313	13.44	4.5371		
2568	7.8	3 34.00	3.1431	−0.0063	−4 20 19.2	+14.399	+0.313	13.49	4.5372		
2569	7.3	3 36.57	3.0836	−0.0048	−0 40 48.2	+14.401	+0.307	4.83, 4.85	0.4173	−0.03 +1.5	+0.02 −0.7
2570	8.0	3 50.38	3.1465	−0.0064	−4 35 17.7	+14.416	+0.310	7.22	4.5382		
2571	7.6	5 51.19	3.1143	−0.0056	−2 35 53.5	+14.537	+0.307	3.97, 4.08	2.5476		
2572	7.8	5 51.89	3.1007	−0.0053	−1 44 59.7	+14.538	+0.305	9.20	1.4116	+0.05 −0.2	+0.04 +0.4
2573	7.4	5 52.39	3.1300	−0.0060	−3 34 9.0	+14.538	+0.308	6.31	3.5140		+0.07 −0.3
2574	7.5	5 58.34	3.0937	−0.0051	−1 19 12.0	+14.544	+0.304	9.67	1.4117	−0.02 +1.1	
2575	7.8	6 9.84	3.1735	−0.0072	−6 15 48.3	+14.556	+0.312	8.24, 7.91	6.5706		0.00 +0.4
2576	7.8	7 27.74	3.1480	−0.0065	−4 43 8.6	+14.634	+0.308	13.14	4.5302		−0.05 +0.1
2577	8.0	7 27.78	3.0978	−0.0052	−1 34 54.7	+14.634	+0.303	4.66	1.4123	0.00 −0.4	
2578	7.5	7 41.26	3.1744	−0.0072	−6 21 50.9	+14.647	+0.310	11.83	6.5712		−0.01 +0.9
2579	7.3	7 47.34	3.1833	−0.0075	−6 55 5.7	+14.653	+0.311	9.66, 9.97	7.5518		0.00 +0.1
2580	6.7	8 58.74	3.0783	−0.0047	−0 21 44.0	+14.724	+0.298	5.12	0.4186	+0.28 −0.9	+0.26 −0.4
2581	7.2	9 1.05	3.0929	−0.0051	−1 17 13.2	+14.726	+0.300	9.72	1.4131	−0.02 +1.8	+0.03 −0.1
2582	7.2	9 3.77	3.1928	−0.0078	−7 32 31.3	+14.729	+0.311	8.54, 7.87	7.5522		
2583	7.0	9 15.91	3.1679	−0.0071	−6 0 22.2	+14.741	+0.307	9.27	6.5720		+0.06 +0.7
2584	7.0	9 20.90	3.1204	−0.0058	−3 1 39.8	+14.746	+0.302	4.07, 4.18	3.5160		+0.02 −0.2
2585	8.0	10 54.88	3.0895	−0.0050	−1 4 47.2	+14.839	+0.297	4.86	1.4136	+0.03 +0.1	
2586	6.8	10 58.06	3.1050	−0.0054	−2 3 56.8	+14.842	+0.298	5.20	2.5495		−0.08 +0.5
2587	8.0	11 38.11	3.1639	−0.0070	−5 49 30.9	+14.881	+0.303	10.35	5.5507		
2588	8.5	11 47.10	3.1655	−0.0070	−5 55 40.5	+14.890	+0.303	7.75. 8.03	6.5729	4 Beob.	
2589	7.5	11 49.47	3.1704	−0.0072	−6 14 24.4	+14.892	+0.302	9.03	6.5730		+0.05 +0.9
2590	7.9	12 22.34	3.1131	−0.0056	−2 36 7.9	+14.923	+0.297	4.82	2.5499		
2591	6.0	12 24.82	3.1503	−0.0066	−4 58 52.8	+14.926	+0.300	8.72, 7.16	5.5512		+0.08 −1.1
2592	7.8	12 41.97	3.1371	−0.0063	−4 8 30.9	+14.943	+0.299	13.16	4.5413		
2593	7.8	13 2.59	3.1802	−0.0075	−6 54 3.7	+14.963	+0.302	13.62	7.5536		
2594	8.3	13 3.39	3.1129	−0.0056	−2 35 55.2	+14.964	+0.296	4.68	2.5504		
2595	7.8	13 8.65	3.1943	−0.0079	−7 47 31.5	+14.969	+0.304	13.43	7.5537		+0.03 −0.1
2596	8.0	13 9.00	3.1912	−0.0078	−7 36 3.4	+14.969	+0.303	12.31, 12.18	7.5538		
2597	8.0	13 53.01	3.1649	−0.0071	−5 57 1.0	+15.012	+0.300	8.83	6.5733		[2]
2598	**6.0**	**15 18.27**	**3.1499**	**−0.0066**	**−5 1 35.5**	**+15.094**	**+0.296**			**16 Aquarii F.St.**	
2599	8.0	15 53.63	3.1486	−0.0066	−4 57 12.3	+15.128	+0.295	13.43	5.5529		
2500	7.0	16 43.40	3.1275	−0.0060	−3 35 53.0	+15.176	+0.291	4.97	3.5188		+0.01 −0.2

[1] E.B.C. +0.0154, +0.228

[2] E.B. in α?

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nic.	K – Radd.
2601	7.0	$21^h\ 16^m 49^s.23$	3.1659	−0.0071	−6° 6′ 4.7	+15.181	+0.295	13.18	6.5743		+0.10 −0.4
2602	7.8	17 30.70	3.0914	−0.0050	−1 14 31.8	+15.221	+0.287	5.54, 5.51	1.4158	0.00 +0.1	+0.01 −0.9
2603	8.0	18 2.47	3.1799	−0.0076	−7 3 16.6	+15.251	+0.295	8.84, 9.38	7.5549		
2604	8.0	18 21.20	3.1822	−0.0076	−7 12 55.2	+15.268	+0.294	10.81	7.5551		
2605	7.3	18 46.63	3.1816	−0.0076	−7 11 8.8	+15.292	+0.294	10.21	7.5553		
2606	7.3	18 54.94	3.1642	−0.0071	−6 3 8.8	+15.300	+0.292	13.60	6.5750		−0.01 +0.1
2607	6.7	19 7.65	3.1309	−0.0061	−3 52 10.3	+15.312	+0.288	13.29	4.5444		−0.01 −0.5
2608	5.6	19 32.72	3.1332	−0.0062	−4 1 40.8	+15.336	+0.288	12.34	4.5446		−0.02 +0.3
2609	6.3	20 13.58	3.0716	−0.0045	+0 3 34.7	+15.374	+0.281	4.99, 5.05	0.4215	−0.01 +0.6	+0.06 +0.8
2610	8.0	20 47.22	3.1697	−0.0073	−6 28 31.8	+15.406	+0.289	9.67	6.5757		
2611	7.5	21 33.32	3.1846	−0.0078	−7 29 23.6	+15.449	+0.290	8.55	7.5565		−0.01 +0.2
2612	7.8	22 36.23	3.1183	−0.0058	−3 5 19.4	+15.507	+0.282	5.17	3.5216		
2613	7.3	22 38.48	3.1223	−0.0059	−3 21 48.0	+15.509	+0.282	5.50	3.5217		+0.03 −0.3
2614	8.0	24 29.23	3.1457	−0.0066	−4 59 0.7	+15.611	+0.281	10.80	5.5564		
2615	**3.0**	**25 46.07**	**3.1609**	**−0.0071**	**−6 3 16.8**	**+15.681**	**+0.280**			*β* **Aquarii F.St.**	
2616	7.3	28 22.01	3.1423	−0.0065	−4 51 22.6	+15.822	+0.275	7.46, 7.76	5.5584		+0.06 −0.1
2617	7.5	28 31.40	3.1284	−0.0061	−3 53 52.4	+15.830	+0.273	6.68	4.5487		+0.04 +0.9
2618	6.0	29 33.05	3.1367	−0.0063	−4 28 22.4	+15.885	+0.272	8.25	4.5489		0.00 +1.5
2619	7.7	30 46.40	3.1512	−0.0068	−5 32 38.7	+15.950	+0.272	7.45	5.5592		+0.06 −0.6
2620	6.2	31 54.85	3.0849	−0.0047	−0 52 59.6	+16.011	+0.264	5.84, 5.68	1.4180	+0.05 +1.6	−0.03 −0.6
2621	7.7	31 58.86	3.0713	−0.0043	+0 5 25.5	+16.014	+0.263	5.42	0.4241	−0.02 +2.1	
2622	7.7	32 56.58	3.1375	−0.0064	−4 38 40.9	+16.068	+0.267	8.09	4.5504		+0.03 +0.4[1]
2623	7.3	33 51.20	3.0801	−0.0045	−0 32 53.6	+16.109	+0.261	5.18	0.4245	0.00 +3.3	−0.11 −1.0[2]
2624	7.0	34 36.86	3.1765	−0.0077	−7 28 21.4	+16.152	+0.268	8.01, 7.46	7.5613		+0.04 +0.8
2625	7.8	34 49.34	3.1142	−0.0056	−3 0 54.5	+16.162	+0.262	4.49	3.5272		+0.03 −0.8
2626	7.5	36 18.13	3.0746	−0.0043	−0 9 15.2	+16.239	+0.256	5.28	0.4249	+0.08 +0.2	9 Beob.
2627	7.8	36 49.13	3.0733	−0.0043	−0 3 16.3	+16.265	+0.255	11.17	0.4251	−0.05 −0.8	
2628	—	36 49.84	3.0734	−0.0043	−0 3 40.3	+16.266	+0.255	13.83	—	meist sehr schwach	
2629	7.5	38 1.47	3.0721	−0.0042	+0 1 56.9	+16.327	+0.253	5.56	0.4257	+0.01 +0.4	11 Beob.
2630	8.0	38 25.49	3.1767	−0.0078	−7 39 39.0	+16.347	+0.261	7.73	7.5624		
2631	6.5	38 38.66	3.1434	−0.0066	−5 14 5.0	+16.358	+0.258	8.73, 8.45	5.5628		+0.05 +0.7[3]
2632	8.0	38 58.75	3.1653	−0.0074	−6 51 25.1	+16.375	+0.259	8.61	7.5626		
2633	6.8	40 50.01	3.1088	−0.0054	−2 43 14.6	+16.468	+0.251	4.45	2.5631		+0.09 +0.1
2634	7.9	41 25.48	3.1097	−0.0054	−2 47 53.6	+16.498	+0.251	5.14	2.5636		0.00 −0.6
2635	7.0	41 39.48	3.1405	−0.0064	−5 7 0.7	+16.509	+0.253	6.57	5.5640		−0.05 −0.8
2636	6.2	41 50.81	3.1579	−0.0071	−6 25 34.1	+16.519	+0.254	7.72	6.5827		−0.03 −0.8
2637	7.8	42 12.71	3.1650	−0.0074	−6 58 16.8	+16.537	+0.254	10.34	7.5637		
2638	7.8	42 47.15	3.1618	−0.0073	−6 45 32.4	+16.565	+0.253	12.54	6.5834		
2639	6.8	43 16.15	3.1504	−0.0068	−5 54 47.9	+16.589	+0.251	6.72, 7.00	6.5837		+0.07 −0.1
2640	7.5	44 35.56	3.0871	−0.0046	−1 7 4.5	+16.654	+0.244	4.45, 4.41	1.4209	0.00 −1.0	[4]
2621	8.0	45 45.47	3.1081	−0.0053	−2 45 24.6	+16.710	+0.243	4.68	2.5646		+0.08 +0.1
2642	6.0	46 38.25	3.1199	−0.0057	−3 41 24.4	+16.753	+0.243	4.75	3.5316		+0.06 −1.0
2643	7.2	47 0.83	3.1303	−0.0061	−4 30 31.8	+16.771	+0.243	6.70, 6.84	4.5564		+0.12 0.0[5]
2644	7.3	48 25.46	3.1472	−0.0068	−5 52 24.8	+16.838	+0.242	11.07	6.5859		
2645	**6.0**	**48 25.66**	**3.1334**	**−0.0062**	**−4 47 30.0**	**+16.838**	**+0.241**			**P. XXI. 320 F.St.**	
2646	6.5	48 52.78	3.1208	−0.0058	−3 49 9.2	+16.860	+0.239	7.64	3.5329		+0.11 0.0
2647	7.9	48 53.20	3.1170	−0.0056	−3 30 58.2	+16.860	+0.239	9.87, 10.35	3.5331		
2648	8.0	50 14.10	3.0753	−0.0041	−0 13 13.3	+16.924	+0.233	4.70	0.4284	−0.08 +1.8	
2649	7.3	50 19.11	3.1523	−0.0070	−6 21 0.5	+16.927	+0.239	9.41	6.5867		+0.03 +0.1
2650	7.3	50 25.76	3.1668	−0.0075	−7 30 4.5	+16.933	+0.240	12.12	7.5669		−0.03 +0.8

[1] 9 Beob.

[2] E.B.c. +0.0144, +0.0016
N. +0.0142, +0.028

[3] E.B. in α?

[4] E.B.c. −0.0100, −0.0066
N. −0.0094

[5] 9 Beob.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radcl.
2651	8.0	$21^h 50^m 35^s.71$	$3^s.1386$	$-0^s.0064$	$-5°\,16'\,39''.6$	$+16''.940$	$+0''.238$	11.82	5.5666		
2652	7.8	52 24.61	3.1221	—0.0058	—4 0 50.7	+17.025	+0.233	7.48	4.5585		+0.07 +0.4
2653	6.5	52 27.31	3.1461	—0.0067	—5 56 45.1	+17.027	+0.235	10.00	6.5878		+0.07 0.0[1]
2654	6.9	53 10.76	3.1326	—0.0062	—4 53 25.3	+17.060	+0.233	8.91	5.5674		+0.13 —0.4[2]
2655	8.0	53 52.29	3.1559	—0.0071	—6 47 59.1	+17.092	+0.233	11.40	6.5884		
2656	6.0	55 27.33	3.0716	—0.0038	+0 4 37.1	+17.164	+0.224	4.50	0.4296	—0.04 +1.9	+0.02 —0.3[3]
2657	8.0	55 48.92	3.1540	—0.0071	—6 44 31.5	+17.180	+0.230	7.80	6.5893		
2658	7.8	56 5.20	3.0924	—0.0046	—1 39 25.1	+17.193	+0.225	5.56	1.4233	+0.13 —1.8	. [4]
2659	7.7	56 53.32	3.0898	—0.0045	—1 26 55.6	+17.229	+0.223	8.28	1.4236	—0.02 +1.2	
2660	6.0	57 29.29	3.1568	—0.0072	—7 3 12.8	+17.255	+0.227	10.60	7.5688		+0.08 +0.4
2661	5.3	57 37.43	3.1044	—0.0050	—2 41 10.2	+17.262	+0.223	6.31	2.5681		0.00 +0.7
2662	7.5	57 43.94	3.1467	—0.0068	—6 13 28.5	+17.266	+0.226	12.05	6.5901		
2663	8.0	57 44.83	3.1490	—0.0069	—6 25 18.4	+17.267	+0.226	13.26, 13.22	6.5902		
2664	8.0	58 30.34	3.1359	—0.0063	—5 22 21.6	+17.315	+0.223	12.15, 11.60	5.5697		
2665	6.0	59 7.99	3.0894	—0.0044	—1 26 17.0	+17.328	+0.219	4.68	1.4242	—0.04 +0.5	+0.09 —0.1[5]
2666	8.0	59 16.83	3.1531	—0.0070	—6 50 9.0	+17.335	+0.224	13.55	7.5695		
2667	8.0	59 45.60	3.0757	—0.0039	—0 16 21.3	+17.356	+0.217	12.24	0.4303	0.00 —0.1	
2668	7.8	59 54.54	3.0714	—0.0037	+0 5 37.9	+17.362	+0.217	11.08	0.4304	—0.09 —0.2	
2669	**3.0**	22 0 **8.04**	**3.0825**	**—0.0041**	**—0 51 13.8**	**+17.372**	**+0.217**			*α* **Aquarii F.St.**	
2670	7.5	0 19.05	3.1413	—0.0065	—5 53 27.0	+17.380	+0.221	12.64	6.5908		+0.08 +0.4
2671	7.6	0 59.44	3.1571	—0.0072	—7 15 52.8	+17.410	+0.221	13.20	7.5701		
2672	7.8	1 55.77	3.1460	—0.0067	—6 21 55.8	+17.450	+0.219	9.78	6.5912		
2673	7.5	2 29.00	3.1192	—0.0056	—4 4 7.7	+17.474	+0.216	6.79	4.5617		
2674	6.8	4 37.85	3.1225	—0.0057	—4 25 58.2	+17.566	+0.212	8.94	4.5623		+0.03 —0.2
2675	6.0	4 49.61	3.1267	—0.0059	—4 48 26.7	+17.574	+0.212	7.50	4.5625		+0.02 +0.8
2676	7.4	6 55.75	3.1504	—0.0069	—7 0 44.7	+17.662	+0.210	10.36, 10.11	7.5727		+0.09 +0.7
2677	6.7	7 0.18	3.1308	—0.0061	—5 15 45.6	+17.665	+0.208	8.50	5.5732		+0.11 +0.5
2678	7.4	7 41.89	3.0758	—0.0036	—0 18 6.7	+17.693	+0.204	4.76	0.4322	+0.04 0.0	+0.01 —0.3
2679	7.4	7 44.07	3.0966	—0.0045	—2 11 42.3	+17.695	+0.205	4.61	2.5714		—0.02 —0.3
2680	7.3	8 7.82	3.1273	—0.0059	—4 59 44.3	+17.711	+0.206	7.30	5.5738		
2681	7.7	8 28.50	3.1414	—0.0066	—6 17 28.1	+17.725	+0.207	11.12, 10.98	6.5938		
2682	8.0	8 43.71	3.0779	—0.0037	—0 29 46.1	+17.735	+0.202	5.03	0.4325	—0.01 —0.5	
2683	7.7	8 55.96	3.1484	—0.0069	—6 56 42.9	+17.744	+0.206	11.86	7.5732		
2684	7.7	9 7.68	3.1520	—0.0071	—7 16 52.5	+17.752	+0.206	11.03, 11.22	7.5733		
2685	8.0	9 22.34	3.1008	—0.0047	—2 36 18.6	+17.762	+0.202	7.61	2.5720		
2686	6.3	10 53.64	3.0955	—0.0044	—2 8 38.0	+17.823	+0.199	4.54, 4.51	2.5726		+0.05 —0.2[6]
2687	5.5	11 21.92	3.1360	—0.0063	—5 56 10.0	+17.842	+0.201	7.53	6.5960		+0.02 0.0
2688	7.8	12 49.50	3.0901	—0.0041	—1 40 27.1	+17.900	+0.195	5.09	1.4282	+0.03 +0.9	11 Beob. [7]
2689	7.8	14 6.32	3.1207	—0.0055	—4 37 2.0	+17.950	+0.195	7.28	4.5655		+0.05 —0.6
2690	7.6	14 50.17	3.0789	—0.0036	—0 37 10.3	+17.979	+0.191	7.22, 7.41	0.4342	+0.06 —0.4	
2691	7.5	15 38.37	3.1426	—0.0066	—6 47 46.2	+18.010	+0.194	11.27	6.5972		0.00 +0.4
2692	**3.4**	**15 58.47**	**3.0924**	**—0.0042**	**—1 56 29.0**	**+18.022**	**+0.190**			*γ* **Aquarii F.St.**	
2693	8.0	16 1.15	3.1417	—0.0066	—6 44 5.1	+18.024	+0.193	12.84	6.5974		
2694	8.0	16 3.63	3.0716	—0.0032	+0 5 24.4	+18.026	+0.189	9.35	0.4350	+0.01 +0.4	
2695	8.0	16 55.09	3.1161	—0.0053	—4 17 29.3	+18.059	+0.190	13.35	4.5663		
2696	6.5	17 45.94	3.1510	—0.0071	—7 45 1.4	+18.091	+0.190	10.99	7.5765		—0.03 +0.2
2697	7.5	17 50.00	3.0720	—0.0031	+0 3 10.6	+18.093	+0.185	5.95	0.4353	—0.02 —0.4	
2698	7.7	17 52.23	3.1013	—0.0045	—2 51 23.3	+18.095	+0.187	6.25	3.5438		+0.06 +0.5
2699	5.7	18 23.05	3.1267	—0.0058	—5 23 35.8	+18.114	+0.188	7.36	5.5780		+0.05 —0.9
2700	7.7	18 29.76	3.0987	—0.0044	—2 37 5.7	+18.118	+0.186	7.29	2.5750		—0.07 +0.4

[1] E.B.C. 0''.0000, —0''.114
[2] E.B.C. —0''.0082, —0''.250
[3] 9 Beob. E.B.N. —0''.0014, —0''.001
[4] E.B.N. +0''.008, +0''.04
[5] E.B.N, —0''.0020, —0''.031
[6] 10 Beob.
[7] Hier ist ein Stern der B.D. $22^h 12^m 24^s$, —0°.47.1 (7.0) übersehen worden, was erst bei einer nochmaligen Revision des druckfertigen Manuskripts bemerkt wurde.

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var.saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radcl.
2701	7·5	$22^h\,18^m55^s34$	3^s0899	-0^s0040	$-1°\,44'\,42''6$	$+18''134$	$+0''185$	4·75	1·4290	0^s00 $+0''6$	$+0^s03$ $-0''3$
2702	8·0	20 22.79	3.1291	—0.0059	—5 44 10.4	+18.188	+0.184	9.99	5·5790		+0.08 +1.5
2703	7·2	20 33.36	3.1054	—0.0048	—3 20 43.0	+18.195	+0.183	5.04	3·5443		+0.02 +0.6
2704	7·3	21 20.56	3.0907	—0.0039	—1 52 7.8	+18.227	+0.180	4.80	2·5761	—0.08 +0.7	+0.11 +1.0[1]
2705	8·0	22 7.04	3.1353	—0.0062	—6 27 58.4	+18.252	+0.182	6.84	6·5996		
2706	3·3	23 9.97	3.0781	—0.0032	—0 34 57.5	+18.289	+0.176	4·75	0.4365	0.00 +0.7	—0.05 —2.5[2]
2707	7·7	24 31.77	3.0765	—0.0031	—0 25 28.2	+18.338	+0.174	5.18	0.4371	—0.05 +0.2	+0.01 +0.1
2708	7·8	24 43.90	3.1234	—0.0056	—5 22 53.2	+18.345	+0.176	6.80	5·5866		0.00 +0.2
2709	6·5	25 32.15	3.1394	—0.0065	—7 6 57.1	+18.374	+0.176	8.85, 8.47	7·5787		+0.11 +0.3
2710	6·3	25 37.22	3.1050	—0.0046	—3 28 28.3	+18.377	+0.173	4·79	3·5460		+0.03 —1.2
2711	7·4	26 47.13	3.1378	—0.0064	—7 2 0.4	+18.417	+0.173	10.64	7·5805		+0.16 +0.9[3]
2712	7·9	28 11.15	3.1223	—0.0055	—5 27 7.5	+18.463	+0.170	7.85	5·5815		
2713	6·3	28 22.69	3.0920	—0.0038	—2 8 25.1	+18.472	+0.168	13.51	2·5781		+0.03 —1.2
2714	7·8	28 56.81	3.1076	—0.0047	—3 52 26.2	+18.491	+0.167	10.51	4·5705		0.00 +1.2
2715	7·5	28 58.36	3.0723	—0.0027	+0 1 48.1	+18.492	+0.165	4.92	0.4383	—0.03 —0.2	+0.06 +1.1
2716	**3.8**	**29 42.22**	**3.0787**	**—0.0030**	**—0 41 3.2**	**+18.516**	**+0.163**			η **Aquarii F.St.**	
2717	8·0	31 1.99	3.0743	—0.0028	—0 12 19.2	+18.561	+0.162	7.36, 7.02	0.4387	—0.03 +2.1	
2718	7·8	31 34.05	3.1311	—0.0060	—6 38 12.2	+18.579	+0.164	10.91, 10.75	6.6034		
2719	5·3	32 3.58	3.1145	—0.0050	—4 47 42.3	+18.595	+0.162	7.98	4·5716		+0.10 —0.6[1]
2720	7·5	34 28.24	3.1333	—0.0061	—7 6 22.8	+18.673	+0.159	9.40	7·5827		+0.02 +0.4
2721	6·7	35 6.41	3.1074	—0.0046	—4 7 35.0	+18.693	+0.156	8.87	4·5728		—0.02 —0.1
2722	6·7	36 22.03	3.1199	—0.0053	—5 40 31.5	+18.733	+0.154	10.48	5·5843		+0.15 —0.7
2723	7·7	36 24.95	3.1063	—0.0045	—4 2 52.8	+18.734	+0.154	12.21	4·5733		
2724	7·7	37 4.49	3.0767	—0.0027	—0 30 13.3	+18.755	+0.151	5.05, 5.08	0.4405	—0.03 +0.4	—0.02 +0.2
2725	7·5	37 10.89	3.0754	—0.0026	—0 20 36.6	+18.758	+0.151	5.28	0.4406	+0.04 +1.0	+0.05 +0.4
2726	8·0	37 18.85	3.0739	—0.0025	—0 10 7.2	+18.762	+0.150	6.70	0.4407	0.00 0.0	[5]
2727	8·0	37 28.00	3.1370	—0.0064	—7 47 27.0	+18.767	+0.153	11.32	7·5837		
2728	7·0	37 29.58	3.1348	—0.0063	—7 32 18.1	+18.767	+0.153	10.16	7·5838		+0.01 +0.2
2729	7·5	39 20.46	3.0831	—0.0029	—1 18 35.9	+18.824	+0.147	5.46	1·4343	+0.03 +1.9	+0.03 +1.0
2730	7·8	40 10.43	3.0846	—0.0030	—1 30 40.3	+18.849	+0.145	4.80	1·4346	0.00 +1.3	
2731	7·5	41 31.37	3.0983	—0.0039	—3 17 16.6	+18.889	+0.144	5.19	3·5505		+0.03 0.0
2732	7·0	41 49.03	3.0910	—0.0034	—2 22 5.4	+18.898	+0.143	6.45	2·5826		+0.04 +0.5
2733	7·0	42 9.79	3.1099	—0.0046	—4 47 57.4	+18.908	+0.143	8.98	4·5757		+0.13 +0.2[6]
2734	7·5	45 3.66	3.0812	—0.0026	—1 9 37.5	+18.990	+0.136	5.16	1·4351	+0.06 +0.2	0.00 0.0
2735	7·8	45 53.74	3.0903	—0.0032	—2 23 44.6	+19.014	+0.135	4.81	2·5840		
2736	7·8	46 59.51	3.0960	—0.0036	—3 12 36.4	+19.044	+0.133	5.44, 5.49	3·5521		—0.01 +0.3[7]
2737	7·0	47 45.12	3.1203	—0.0053	—6 34 16.4	+19.065	+0.133	13.42	6.6087		+0.06 0.0
2738	7·3	48 2.28	3.1104	—0.0046	—5 14 31.6	+19.073	+0.132	9.48	5·5880		—0.01 +0.2
2739	7·5	48 38.87	3.0842	—0.0027	—1 38 0.2	+19.089	+0.130	4.65	1·4355	+0.09 —1.1	+0.02 —0.2
2740	7·0	48 50.45	3.1284	—0.0059	—7 47 20.8	+19.094	+0.131	10.30	7·5886		+0.04 —0.2
2741	6·0	49 28.67	3.1120	—0.0047	—5 34 25.0	+19.111	+0.129	7.84	5·5885		+0.06 —0.8
2742	7·7	49 38.64	3.1170	—0.0051	—6 16 32.2	+19.115	+0.129	10.94, 10.76	6.6096		—0.02 +1.2
2743	7·0	51 25.93	3.0989	—0.0037	—3 49 59.2	+19.162	+0.125	11.92	4·5793		—0.06 0.0
2744	**6.7**	**51 35.52**	**3.1097**	**—0.0045**	**—5 23 51.5**	**+19.166**	**+0.125**			**Br. 3033 F.St.**	
2745	8·0	52 11.48	3.1014	—0.0039	—4 14 30.7	+19.182	+0.124	13.48	4·5795		
2746	6·3	52 35.60	3.0927	—0.0032	—2 59 0.5	+19.192	+0.123	4.30	3·5539		+0.03 —1.3
2747	6·8	52 43.71	3.0860	—0.0027	—1 59 54.8	+19.195	+0.122	8.65	2·5858		+0.08 —0.6
2748	7·5	53 13.97	3.0786	—0.0021	—0 54 18.4	+19.208	+0.121	6.47	1·4364	—0.01 +0.7	
2749	8·0	53 29.29	3.0844	—0.0026	—1 46 14.3	+19.214	+0.121	10.10, 9.75	1·4365	—0.02 +1.6	
2750	8·0	54 0.01	3.1054	—0.0042	—4 57 8.8	+19.227	+0.120	11.43	5·5903	dpl.	[8]

[1] E.B.N. in α +0.008 N. +0.008, —0.17

[2] dpl. m. E.B.N. +0.0110, +0.042

[3] E.B.C. +0.0172, +0.0015

[4] E.B.C. —0.0061, —0.110

[5] E.B.C. +0.0051, —0.189

[6] dpl. m. E.B.C. —0.0140, —0.296

[7] 9 Beob.

[8] nicht immer als dpl. zu erkennen, 1888 Dez. 4 als seq. beobachtet.

Digitized by Google

No. des Sterns	Grösse	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
2751	7.8	22h 54m 0.13	3.0926	−0.0032	−3° 1′ 47.″2	+16.″231	+0.″120	5.37, 5.46	3.5545		−0.″01 −1.″1
2752	6.8	54 59.40	3.0752	−0.0018	−0 24 16.5	+19.252	+0.117	5.04	0.4443	−0.″05 +1.″3	−0.07 +0.1 [1]
2753	6.8	55 40.62	3.1223	−0.0056	−7 39 5.7	+19.268	+0.118	10.80	7.5910		+0.06 −0.8
2754	6.0	55 50.06	3.1068	−0.0043	−5 18 7.9	+19.272	+0.117	11.54, 12.66	5.5910		−0.07 +0.4
2755	7.8	56 7.71	3.1010	−0.0038	−4 25 58.8	+19.279	+0.116	9.52	4.5804		−0.04 +1.2 [2]
2756	7.8	56 15.32	3.0935	−0.0032	−3 16 36.4	+19.282	+0.116	4.21, 4.28	3.5553		
2757	7.8	56 46.76	3.0735	−0.0016	−0 9 14.8	+19.293	+0.114	6.93	0.4439	+0.08 +1.7	[3]
2758	6.8	56 49.92	3.1183	−0.0052	−7 9 51.0	+19.296	+0.115	9.01	7.5913		+0.03 −0.5
2759	7.7	57 30.31	3.0789	−0.0020	−1 0 57.8	+19.312	+0.113	5.31, 5.25	1.4382	−0.01 −1.0	+0.01 +1.0 [4]
2760	7.0	58 13.49	3.1059	−0.0042	−5 23 18.1	+19.329	+0.112	10.17	5.5917		+0.24 −0.4
2761	8.0	58 40.39	3.1177	−0.0052	−7 16 52.8	+19.339	+0.112	8.69	7.5925		
2762	7.2	23 2 7.29	3.0777	−0.0017	−0 53 27.1	+19.417	+0.104	4.13	1.4393	−0.05 −0.1	−0.04 +0.2
2763	7.5	2 46.84	3.0788	−0.0018	−1 5 37.6	+19.431	+0.103	5.45	1.4394	+0.03 −0.4	+0.10 +1.1 [5]
2764	8.0	3 24.24	3.0899	−0.0027	−3 2 54.3	+19.445	+0.102	5.45	3.5576		+0.01 +0.6
2765	7.0	4 57.81	3.1091	−0.0045	−6 33 24.3	+19.478	+0.100	8.45	6.6157		−0.05 +0.6
2766	7.7	7 22.06	3.0755	−0.0013	−0 34 1.2	+19.527	+0.094	5.18	0.4483	+0.01 +1.9	+0.05 +0.9
2767	7.1	8 26.89	3.0894	−0.0026	−3 13 59.6	+19.548	+0.092	4.16	3.5592		0.00 −1.3
2768	5.0	8 37.50	3.1071	−0.0044	−6 38 30.2	+19.551	+0.092	7.98	6.6170		+0.04 −0.2 [6]
2769	5.3	9 54.22	3.0933	−0.0030	−4 5 45.4	+19.576	+0.089	9.02	4.5852		−0.01 −0.6
2770	7.0	10 19.13	3.0827	−0.0019	−2 1 24.5	+19.584	+0.088	5.53	2.5914		+0.02 +0.4
2771	7.7	10 55.03	3.0834	−0.0019	−2 11 11.8	+19.595	+0.087	8.46, 9.03	2.5917	dpl. m.	
2772	7.9	11 4.34	3.0845	−0.0020	−2 25 44.7	+19.598	+0.087	5.31, 5.35	2.5918		
2773	7.3	11 16.22	3.1110	−0.0049	−7 45 44.8	+19.601	+0.087	10.80	7.5975		+0.10 +0.1
2774	7.8	11 34.67	3.0972	−0.0034	−5 2 6.1	+19.607	+0.086	10.54	5.5961		
2775	6.2	13 41.73	3.0994	−0.0036	−5 43 30.8	+19.645	+0.082	7.13, 7.36	5.5966		+0.05 −0.6 [7]
2776	6.5	14 33.60	3.0933	−0.0030	−4 31 3.5	+19.660	+0.080	6.81	4.5868		−0.01 −0.8 [8]
2777	6.5	15 0.62	3.1023	−0.0040	−6 30 30.0	+19.668	+0.080	9.52	6.6191		−0.01 −0.6
2778	8.0	15 33.24	3.1070	−0.0046	−7 37 31.4	+19.677	+0.079	13.00, 12.87	7.5993		
2779	7.0	15 41.33	3.0962	−0.0033	−5 16 27.9	+19.679	+0.078	8.39	5.5973		−0.03 −1.3
2780	6.7	17 53.33	3.0739	−0.0006	−0 18 45.7	+19.715	+0.073	5.42	0.4509	−0.04 −1.3	+0.04 −0.7 [9]
2781	7.8	18 58.71	3.0823	−0.0016	−2 20 40.3	+19.733	+0.072	4.13	2.5951		+0.04 −0.3
2782	7.0	20 53.06	3.1013	−0.0041	−7 12 42.6	+19.762	+0.068	9.20	7.6012		+0.09 +0.3
2783	7.3	21 34.29	3.0852	−0.0019	−3 14 22.0	+19.772	+0.067	9.03, 8.77	3.5639		−0.03 +0.6 [10]
2784	7.8	23 6.47	3.0950	−0.0033	−5 59 40.8	+19.794	+0.064	9.69	6.6220		+0.01 −0.6
2785	7.5	23 8.61	3.0779	−0.0009	−1 26 16.7	+19.794	+0.063	9.52	1.4440	−0.11 −0.2	[11]
2786	6.5	23 48.24	3.0813	−0.0014	−2 23 47.1	+19.803	+0.062	5.62	2.5973		+0.06 +1.3
2787	6.2	23 50.87	3.0914	−0.0028	−5 7 53.8	+19.804	+0.062	11.03	5.5989		+0.05 +1.0 [12]
2788	6.5	23 51.85	3.0785	−0.0010	−1 38 27.5	+19.804	+0.062	5.35	1.4443	−0.02 −0.5	+0.07 −1.9
2789	8.0	25 17.52	3.0925	−0.0030	−5 40 0.1	+19.823	+0.060	10.54, 11.46	5.6003		
2790	6.8	25 20.75	3.0969	−0.0037	−6 53 37.5	+19.824	+0.060	12.06	7.6036		+0.03 −0.5
2791	6.8	25 50.56	3.0888	−0.0025	−4 41 18.1	+19.831	+0.058	11.69, 11.68	4.5896		−0.01 −1.1 [13]
2792	6.7	26 18.93	3.0783	−0.0009	−1 41 36.5	+19.837	+0.057	5.41	1.4450	+0.02 +0.2	+0.07 0.0 [14]
2793	6.8	27 16.15	3.0846	−0.0018	−3 37 24.5	+19.849	+0.056	5.35	3.5655		+0.05 +0.7
2794	7.7	27 30.81	3.0957	−0.0036	−7 0 29.8	+19.852	+0.055	11.66	7.6046		+0.02 +0.2
2795	7.2	27 48.71	3.0889	−0.0025	−5 0 29.8	+19.856	+0.055	11.22	5.6011		+0.01 +0.2
2796	7.7	28 2.62	3.0818	−0.0014	−2 51 4.6	+19.858	+0.054	5.68	3.5661		
2797	6.0	28 29.66	3.0785	−0.0007	−1 51 17.8	+19.864	+0.053	10.55, 9.44	2.5986	+0.05 +0.7	+0.01 +0.2 [15]
2798	7.8	29 34.88	3.0863	−0.0021	−4 27 45.6	+19.877	+0.051	11.51	4.5912		−0.08 +1.0
2799	7.8	30 37.31	3.0957	−0.0038	−7 43 28.8	+19.888	+0.049	9.95	7.6055		
2700	8.0	31 5.66	3.0830	−0.0016	−3 34 13.2	+19.894	+0.048	5.33	3.5669		

[1] E.B.N. +0.″0020, +0.″019 [2] 2 Beob. E.B.C. −0.″0055, −0.″135 [3] E.B.C. +0.″0006, −0.″187 [4] E.B.C. +0.″0104, −0.″093 [5] E.B.C. +0.″0110, −0.″198
[6] E.B.C. +0.″0288, −0.″263 N. −0.″0010, −0.″11 [7] E.B.C. +0.″0116, −0.″012 [8] E.B.? [9] E.B.N. +0.″0008, +0.″06
[10] E.B.N. +0.″0008, +0.″06 [11] E.B.C. +0.″0070, −0.″025 [12] E.B.C. +0.″0178, −0.″118 [13] E.B.C. +0.″0123, −0.″222 [14] E.B.N. +0.″0060, −0.″004 [15] E.B.N. +0.″0060, −0.″004

Digitized by Google

No. des Sterns	Größe	α 1890.0	Praec.	Var. saec.	δ 1890.0	Praec.	Var. saec.	Epoche 1880 +	No. der B.D.	Bemerkungen und Vergleichung K – Nie.	K – Radel.
2801	7.3	$23^h\,34^m\,11^s.13$	$3^s.0887$	$-0^s.0028$	$-6°\ 9'\ 19''.7$	$+19''.926$	$+0''.032$	7.94	6.6256		$+0^s.09\ -0^s.1$
2802	7.5	35 2.85	3.0730	+0.0004	−0 11 35.1	+19.934	+0.040	4.98. 4.97	0.1547	$0^s.00\ +1^s.1$	+0.11 −0.5
2803	7.8	36 13.02	3.0885	−0.0029	−6 35 31.7	+19.945	+0.038	8.45	6.6202		−0.02 +0.4[1]
2804	8.0	37 40.44	3.0755	0.0000	−1 19 5.1	+19.958	+0.035	5.30	1.4479	+0.06 +1.0	
2805	7.0	38 53.72	3.0807	−0.0013	−3 47 6.0	+19.968	+0.033	5.34	3.5697		+0.08 +0.5
2806	7.3	39 21.73	3.0752	+0.0001	−1 16 15.7	+19.972	+0.032	8.61, 8.55	1.4485	−0.01 +0.9	+0.02 −0.9
2807	7.9	40 56.76	3.0727	+0.0008	−0 4 47.6	+19.984	+0.029	5.21	0.4566	−0.01 −0.4	
2808	7.8	41 59.01	3.0844	−0.0005	−6 26 11.5	+19.991	+0.027	10.17	6.6291		
2809	7.3	41 59.98	3.0818	−0.0014	−5 4 22.2	+19.991	+0.027	10.76	5.6048		+0.05 +0.1
2810	7.5	42 3.88	3.0750	+0.0002	−1 22 20.8	+19.992	+0.027	5.52	1.4489	−0.03 +0.2	+0.03 +0.5
2811	5.4	42 17.22	3.0786	−0.0009	−3 22 22.6	+19.993	+0.026	5.35	3.5707		+0.04 −0.4
2812	8.5	42 34.04	3.0750	+0.0002	−1 23 8.2	+19.995	+0.026	5.38	1.4490	4 Beob.	
2813	6.3	42 53.31	3.0847	−0.0027	−6 59 28.2	+19.997	+0.025	13.07, 12.39	7.6086		+0.03 −0.7
2814	7.7	43 6.30	3.0812	−0.0017	−5 2 48.5	+19.999	+0.024	13.17	5.6056		+0.06 +0.4
2815	8.0	43 53.59	3.0827	−0.0023	−6 9 50.9	+20.003	+0.023	7.61, 8.10	6.6297		−0.07 −0.5
2816	8.0	45 50.32	3.0783	−0.0010	−4 0 56.5	+20.015	+0.019	7.89, 7.74	4.5965		
2817	6.0	47 16.52	3.0774	−0.0008	−3 45 58.1	+20.022	+0.016	5.43	3.5723		+0.07 −0.3
2818	7.9	48 14.05	3.0725	+0.0012	−0 0 55.2	+20.027	+0.014	5.66	0.4581	−0.05 +0.1	
2819	7.5	49 0.44	3.0754	−0.0001	−2 33 28.5	+20.030	+0.013	5.36	2.6059		+0.10 +0.1
2820	6.2	49 8.80	3.0731	+0.0010	−0 30 8.3	+20.030	+0.013	7.03	0.4585	+0.03 −0.4	+0.06 −0.4
2821	7.5	49 29.24	3.0782	−0.0015	−5 16 47.6	+20.032	+0.012	9.06	5.6081		+0.04 +0.2
2822	8.0	49 44.96	3.0783	−0.0016	−5 30 51.1	+20.033	+0.011	11.67, 10.94	5.6083		
2823	8.0	51 30.83	3.0778	−0.0018	−6 4 9.6	+20.039	+0.008	11.07	6.6324	häufig schwach	
2824	7.7	52 9.23	3.0774	−0.0017	−6 4 13.8	+20.041	+0.007	11.17	6.6329		
2825	**5.3**	**53 2.47**	**3.0755**	**−0.0007**	**−4 9 58.3**	**+20.044**	**+0.005**			**27 Piscium F.St.**	
2826	7.3	53 52.97	3.0747	−0.0002	−3 27 23.3	+20.046	+0.003	9.13, 8.68	3.5741		−0.01 0.0
2827	7.2	53 55.74	3.0740	+0.0003	−2 27 47.7	+20.046	+0.003	7.73	2.6071		+0.04 −0.3
2828	7.0	54 2.04	3.0765	−0.0019	−6 30 13.8	+20.046	+0.003	12.76	6.6335		+0.06 −0.9
2829	7.0	54 8.46	3.0731	+0.0011	−0 53 30.7	+20.046	+0.003	8.66, 8.32	1.4514	+0.08 −1.1	+0.04 0.0
2830	7.3	54 33.04	3.0731	+0.0011	−0 58 21.3	+20.047	+0.002	13.45	1.4515	+0.04 +0.8	+0.10 −1.0
2831	8.0	55 24.57	3.0756	−0.0018	−6 26 49.6	+20.049	0.000	12.19	6.6341		
2832	8.0	55 29.21	3.0755	−0.0018	−6 29 11.9	+20.049	0.000	12.26, 12.29	6.6342		
2833	8.0	55 31.73	3.0728	+0.0013	−0 41 11.1	+20.049	0.000	9.46	0.4605	+0.03 +0.5	
2834	5.3	56 11.18	3.0740	−0.0002	−3 38 22.9	+20.050	−0.001	5.63	3.5749		−0.02 +0.1
2835	5.0	56 19.11	3.0750	−0.0018	−6 37 31.3	+20.050	−0.001	10.27, 10.05	6.6345		+0.10 −0.4
2836	7.2	56 24.21	3.0738	−0.0001	−3 22 43.1	+20.050	−0.002	5.37	3.5750		
2837	8.0	57 18.87	3.0729	+0.0009	−1 30 21.4	+20.052	−0.003	4.35	1.4520	+0.01 +0.6	
2838	8.0	57 42.60	3.0736	−0.0007	−4 45 28.4	+20.052	−0.004	12.23	4.6013		
2839	8.0	58 52.44	3.0734	−0.0021	−7 34 38.0	+20.053	−0.006	11.91, 12.05	7.6142		
2840	7.0	59 25.41	3.0726	+0.0013	−1 6 49.3	+20.053	−0.007	5.66	1.4525	+0.04 +1.1	+0.03 −0.1
2841	8.0	59 40.06	3.0726	+0.0006	−2 24 25.6	+20.053	−0.008	5.36	2.6091		
2842	5.2	59 42.29	3.0727	−0.0014	−6 19 21.9	+20.053	−0.008	11.18	6.6357		+0.03 +0.2[2]
2843	7.8	59 47.52	3.0726	−0.0004	−4 27 47.7	+20.053	−0.008	13.08, 12.40	4.6019		+0.04 −0.9

[1] E.B.C. −0".0109, −0".111

[2] E.B.C. −0".0020, +0".091

Digitized by Google

Zusammenstellung

der einzelnen auf 1890.0 reduzierten Beobachtungen.

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1	4.85	40ᵐ79	58°0	W
	4.87	40.77	58.0	W
	4.87	40.78	58.9	W
	5.88	40.79	54.5	O:
	5.92	40.75	58.0	O
	12.93	40.76	58.4	O
3	8.81	34.19	36.4	O
	12.94	34.14	36.5	O
	12.96	34.12	36.2	O
	12.97	34.13	36.2	W
	12.98	34.13	36.8	W
	13.01	34.15	36.0	W
4	8.82	32.99	15.2	W
	8.95	32.92	15.5	W
	11.96	32.97	15.5	W
	11.97	32.96	17.0	O
	12.92	32.90	16.5	O
	13.02	32.88	17.8	O
5	5.70	4.84	5.0	W
	5.88	4.93	4.7	O
	12.93	4.91	5.3	O
	13.01	4.93	4.7	W
	13.02	4.87	4.6	W
	13.82	4.86	5.2	O
6	4.85	14.11	47.8	W
	4.87	14.11	48.8	W
	4.87	14.17	48.3	W
	13.82	14.14	50.0:	O
	13.84	14.09	47.9	O
	13.86	14.09	47.1	O
	13.92	14.06	48.5	O
7	5.88	17.20	22.1	O
	5.88	17.13	23.3	O
	5.95	17.15	23.0	O
	13.02	17.09	23.5	W
	13.63	17.11	23.3	W
	13.64	17.10	22.8	W
8	8.82	40.05	35.1	W
	8.95	40.94	36.0	W
	8.96	40.93	34.9	W
	11.83	40.91	35.6	W
	12.61	40.99	35.3	O
	12.92	41.00	35.1	O
9	5.97	31.73	58.2	O
	8.81	31.71	60.0	O
	8.82	31.71	59.5	W
	8.91	31.68	59.7	W
	8.95	31.64	58.8	W
	11.97	31.72	59.3	O
10	2.81	52ᵐ87	7°0	O
	2.83	52.89	6.6	O
	2.96	52.87	6.8	O
	4.81	52.90	7.8	W
	4.81	52.85	6.4	W
	4.82	52.90	7.1	W
11	4.85	56.31	22.7	W
	4.87	56.34	23.3	W
	4.87	56.35	23.4	W
	5.73	56.42	24.1	O
	5.84	56.30	23.5	O
	5.88	56.32	22.7	O
12	4.90	1.84	20.7	W
	5.70	1.83	20.7	W
	5.88	1.85	21.1	O
	5.88	1.82	20.4	O
	5.95	1.77:	20.7	O
	12.97	1.86	21.3	W
13	5.97	17.44	35.8	O
	8.95	17.46	35.5	W
	11.83	17.50	35.6	W
	11.96	17.49	36.1	W
	11.97	17.57	35.7	O
	12.61	17.41	35.8	O
14	8.95	34.80	12.4	W
	8.96	34.80	12.3	W
	12.92	34.79	12.5	O
	12.93	34.83	13.9	O
	12.96	34.77	13.8	O
	12.98	34.79	12.5	W
15	8.81	23.33	12.4	O
	8.82	23.30	12.3	W
	8.82	23.33	12.4	W
	11.83	23.44:	13.0	W
	11.97	23.33	12.2	O
	13.02	23.34	12.3	O
16	5.88	46.77	31.5	O
	12.97	46.76	32.8	W
	13.01	46.79	32.2	W
	13.01	46.79	32.3	W
	13.82	46.80	31.3	O
	13.82	46.79	31.9	O
17	2.81	11.91:	51.6	O
	2.83	11.84	51.5	O
	2.96	11.85	51.0	O
	4.81	11.84	52.5	W
	4.81	11.83	50.9	W
	4.82	11.84	51.8	W
18	4.85	15ᵐ47	46°7	W
	4.87	15.56	46.6	W
	4.87	15.56	46.4	W
	5.88	15.51	45.6	O
	5.88	15.59	45.7	O
	5.97	15.50	45.4	O
19	5.70	18.54	16.9	W
	5.73	18.57	17.8	O
	5.84	18.58	18.1	O
	12.96	18.51	18.5	O
	13.63	18.51	18.2	W
	13.64	18.58	17.1	W
20	8.92	39.32	52.8	W
	8.95	—	53.1	W
	11.96	39.38	53.9	W
	11.97	39.39	53.5	O
	12.92	39.31	54.2	O
	12.93	39.36	53.9	O
	13.02	39.32	53.8	W
21	8.81	14.31	—	O
	8.82	14.38	45.2	W
	8.95	14.37	46.0	W
	8.96	14.38	45.3	W
	11.97	14.44	46.1	O
	13.02	14.35	44.5	O
	13.82	14.36	44.5	O
22	2.81	50.62	37.1	O
	2.83	50.60	37.9	O
	2.83	50.56	36.8	O
	4.81	50.56	36.8	W
	4.81	50.57	36.9	W
	4.82	50.58	37.5	W
23	4.90	10.71	26.4	W
	5.70	10.71	26.9	W
	5.73	10.82	27.2	O
	5.84	10.70	26.3	O
	5.88	10.69	25.9	O
	5.97	10.70	27.0	O
	8.82	10.65	26.4	W
24	2.96	25.55	19.9	O
	4.85	25.53	18.4	W
	4.87	25.56	19.0	W
	4.87	25.56	18.1	W
	5.88	25.55	19.5	O
	5.88	25.53	19.2	O
25	5.92	40.59	32.6	O
	5.95	40.48	32.8	O
	12.93	40.58	32.4	O
	12.97	40.54	33.8	W
	12.98	40.56	33.7	W
	13.01	40.61	34.1	W
26	5.88	38ᵐ59	22°7	O
	12.96	38.51	24.9	O
	13.01	38.52	24.3	W
	13.02	38.50	23.9	W
	13.02	38.55	25.0	O
	13.63	38.53	24.7	W
27	5.71	13.42	26.9	W
	5.84	13.36	27.9	O
	5.88	13.40	26.8	O
	5.88	13.36	27.1	O
	12.97	13.40	27.3	W
	12.98	13.37	26.6	W
29	5.88	35.61	27.1	O
	5.92	35.56	28.9	O
	8.82	35.62	27.4	W
	12.93	35.59	26.7	O
	13.01	35.59	26.7	W
	13.01	35.59	26.6	W
30	8.81	37.63:	7.3	O
	8.81	37.46	5.8	O
	8.82	37.44	5.4	W
	8.82	37.49	5.6	W
	8.91	37.52	6.1	W
	11.97	37.49	6.2	O
31	5.92	23.77	22.9	O
	8.81	23.76	22.0	O
	8.92	—	20.0	W
	8.95	23.71	20.9	W
	8.96	23.62:	20.0	W
	11.97	23.73	23.0	O
	12.98	23.70	—	W
32	2.81	2.00	49.2	O
	2.83	2.02	48.7	O
	2.83	2.02	48.6	O
	4.85	2.01	48.8	W
	4.87	2.02	47.8	W
	4.87	2.03	48.8	W
33	5.95	22.48	6.6	O
	8.82	22.50	6.5	W
	8.95	22.48	6.0	W
	11.83	22.49	5.1	W
	11.97	22.50	6.6	O
	12.84	22.46	—	O
	12.92	—	5.9	O
34	4.90	52.45	39.3	W
	5.88	52.46	38.9	O
	5.88	52.45	38.6	O
	5.88	52.49	39.1	O
	11.96	52.44	38.8	W
	12.97	52.41	39.1	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
35	8.82	55h05	26°0	W
	8.82	55.05	27.1	W
	8.91	55.13	25.6	W
	11.97	55.06	27.1	O
	12.92	54.91	27.4	O
	12.93	55.09	27.1	O
36	2.81	58.90	31.9	O
	2.83	58.81	31.7	O
	2.83	58.85	31.8	O
	4.81	58.88	32.1	W
	4.81	58.88	32.4	W
	4.82	58.92	31.9	W
37	2.96	15.16	16.0	O
	4.85	15.20	15.6	W
	4.87	15.19	15.6	W
	4.87	15.21	16.4	W
	5.84	15.15	15.2	O
	5.88	15.11	16.1	O
	5.88	15.28:	15.6	O
	8.81	15.17	16.7	O
38	5.92	28.68	44.2	O
	5.95	28.72	42.9	O
	5.97	28.75	43.3	O
	8.82	28.69	42.2	W
	8.82	28.70	42.4	W
	8.82	28.73	43.3	W
39	8.81	40.75:	44.0	O
	8.91	40.67	42.8	W
	8.92	—	43.2	W
	8.95	40.69	43.5	W
	11.97	40.64	44.5	O
	12.84	40.70	—	O
	12.96	40.63	45.7	O
	12.97	40.63	—	W
40	8.81	52.13	39.7	O
	8.95	52.09	39.9	W
	8.96	52.11	39.7	W
	11.97	52.07	40.7	O
	12.93	52.10	40.3	O
	12.98	52.11	40.1	W
41	4.90	1.24	50.9	W
	5.71	1.27	51.6	W
	5.73	1.20	51.8	O
	5.84	1.26	51.2	O
	5.88	1.24	51.9	O
	5.92	1.22	52.9	O
42	2.81	12.81	47.2	O
	2.83	12.82	47.6	O
	2.83	12.84	47.2	O
	4.81	12.81	46.6	W
	4.81	12.84	47.8	W
	4.82	12.80	47.6	W
43	2.96	16h51	24°9	O
	4.85	16.53	24.2	W
	4.87	16.54	25.3	W
	4.87	16.51	24.9	W
	5.95	16.54	23.8	O
	12.92	16.58	25.9	O
45	5.92	55.58	8.6	O
	5.95	55.60	5.9	O
	8.81	55.57	6.7	O
	8.83	55.65	6.5	W
	8.92	—	7.3	W
	8.95	55.63	7.2	W
	13.01	55.55	7.5	W
46	5.73	3.19	2.8	O
	5.88	3.22	3.0	O
	5.88	3.21	3.1	O
	8.81	3.21	2.1	O
	12.98	3.19	3.2	W
	13.01	3.18	3.7	W
47	5.70	34.80	17.7	W
	5.71	34.84	17.7	W
	5.92	34.80	18.8	O
	5.95	34.83	18.4	O
	5.97	34.83	18.0	O
	8.91	34.78	18.9	W
48	2.81	51.47	54.1	O
	2.83	51.50	55.1	O
	2.83	51.53	54.1	O
	4.81	51.47	54.2	W
	4.81	51.49	54.4	W
	4.82	51.45	54.4	W
	4.90	51.50	54.2	W
49	8.81	52.08	28.5	O
	8.81	52.00	28.1	O
	8.82	52.07	27.5	W
	8.82	52.03	28.4	W
	8.82	52.00	27.2	W
	12.84	52.01	—	O
	12.92	—	30.4	O
50	5.92	28.80	13.3	O
	8.92	—	11.9	W
	8.95	28.78	11.9	W
	8.96	28.79	11.7	W
	11.83	28.86:	12.1	W
	11.97	28.79	13.1	O
	11.97	28.76	13.1	O
51	5.97	35.04	55.0	O
	8.95	35.15	54.9	W
	11.83	35.24	54.5	W
	11.96	35.19	55.3	W
	12.92	35.24	55.0	O
	12.93	35.29	55.3	O
52	2.96	53h76	35°8	O
	4.85	54.00	35.8	W
	4.87	53.96	35.5	W
	4.87	53.95	35.7	W
	5.73	53.98	34.4	O
	5.84	53.99	35.2	O
	5.88	53.97	36.2	O
	11.85	54.05	38.7	W
53	5.92	24.28	23.8	O
	8.82	24.27	23.9	W
	8.91	24.20	24.1	W
	8.92	—	24.6	W
	11.97	24.28	24.9	O
	12.93	24.32	24.6	O
	12.97	24.29	—	W
55	5.84	0.86	9.7	O
	5.88	0.86	11.2	O
	5.88	0.85	10.6	O
	5.92	0.90	11.1	O
	8.81	0.86	11.1	O
	8.82	0.80	10.1	W
56	12.97	2.28	57.1	W
57	5.71	6.34	19.7	W
	5.73	6.38	19.5	O
	5.95	6.38	20.4	O
	5.97	6.36	19.4	O
	8.82	6.34	19.6	W
	8.85	—	20.6	W
	12.97	6.35	—	W
58	5.71	25.04	34.5	W
	5.73	25.11	34.0	O
	5.92	25.15	34.4	O
	8.81	25.12	33.7	O
	8.82	25.12	32.7	W
	8.82	25.14	34.0	W
	11.83	25.10	34.4	W
59	5.95	43.54	23.6	O
	5.97	43.56	24.2	O
	8.81	43.53	23.8	O
	8.85	—	22.0	W
	8.91	43.53	22.7	W
	8.92	—	21.6	W
	12.98	43.54	—	W
	13.01	43.58	23.3	W
60	2.81	30.83	50.1	O
	2.83	30.83	49.7	O
	2.83	30.84	50.0	O
	4.85	30.87	50.2	W
	4.87	30.87	49.2	W
	12.97	30.98	49.1	W
61	5.92	48h16	56°4	O
	5.97	48.12	57.2	O
	8.81	48.15	56.1	O
	8.82	48.11	55.6	W
	8.82	48.10	55.2	W
	8.85	—	56.1	W
	12.98	48.20	—	W
62	2.96	15.58	22.5	O
	4.90	15.54	22.1	W
	5.71	15.67	22.2	W
	5.73	15.72	21.4	O
	5.84	15.54	22.5	O
	11.85	15.63	22.0	W
63	8.81	4.56	12.7	O
	8.86	4.57	13.0	W
	8.91	4.55	13.0	W
	8.92	—	13.3	W
	11.83	4.56	11.9	W
	11.97	4.60	13.7	O
	11.97	4.59	14.0	O
64	5.88	14.65	22.0	O
	5.88	14.72	20.8	O
	5.95	14.75	21.0	O
	12.98	14.68	21.7	W
	13.01	14.63	21.9	W
	13.01	14.66	22.6	W
65	5.70	0.04	22.4	W
	5.97	0.05	23.3	O
	12.61	0.04	21.7	O
	12.92	0.07	22.7	O
	13.02	0.07	22.4	W
	13.03	0.04	20.9	W
66	8.81	17.65	32.9	O
	8.82	17.62	32.4	W
	8.82	17.54	31.9	W
	8.96	17.55	31.8	W
	11.97	17.65	33.1	O
	12.93	17.55	33.0	O
67	12.84	27.70	—	O
	12.92	—	44.8	O
	12.93	27.65	44.7	O
	12.96	27.73	45.0	O
	12.97	27.68	45.0	W
	12.98	27.68	44.2	W
	13.66	27.64	44.1	W
68	2.81	42.53	19.4	O
	2.83	42.53	18.4	O
	2.83	42.51	19.2	O
	4.85	42.52	19.4	W
	4.87	42.51	19.5	W
	4.87	42.49	18.6	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
69	4.90	54ᵐ63ˢ	3°2	W
	5.84	54.66	2.6	O
	5.88	54.63	3.3	O
	5.92	54.68	3.7	O
	13.01	54.64	3.1	W
	13.02	54.66	3.5	W
70	2.96	16.98	24.8	O
	4.96	16.91	26.4	W
	5.71	16.97	25.5	W
	5.88	16.93	24.0	O
	5.88	16.95	24.8	O
	11.85	16.98	22.3:	W
71	5.97	56.59	47.8	O
	8.81	56.56	48.5	O
	8.81	56.54	49.0	O
	8.82	56.60	48.2	W
	8.86	56.56	48.8	W
	8.92	—	48.8	W
	13.01	56.57	48.6	W
72	5.92	33.59	4.3	O
	5.95	33.60	3.1	O
	8.91	33.74	3.9	W
	8.96	33.72	4.8	W
	11.83	33.74	1.6	W
	11.97	33.68	3.9	O
73	2.83	56.33	29.9	O
	2.83	56.32	30.3	O
	4.85	56.36	29.4	W
	4.87	56.36	29.5	W
	4.87	56.36	27.9	W
	5.84	56.40	28.0	O
74	5.97	9.54	55.5	O
	8.85	—	55.3	W
	11.96	9.63	55.6	W
	11.97	9.65	55.8	O
	11.97	9.65	54.6	O
	12.97	9.58	54.7	W
	12.98	9.59	—	W
75	2.96	23.18	30.3	O
	4.90	23.15	30.0	W
	4.96	23.19	31.0	W
	5.71	23.12	30.3	W
	5.88	23.15	29.7	O
	5.88	23.14	30.0	O
	8.81	23.17	—	O
76	5.92	5.24	20.4	O
	5.95	5.19	23.0	O
	5.97	5.27	22.8	O
	8.82	5.21	22.3	W
	8.85	—	23.3	W
	8.86	5.24	22.1	W
	12.98	5.27	—	W
77	2.83	55ᵐ33	30°6	O
	2.83	55.36	30.3	O
	4.85	55.36	31.5	W
	4.87	55.39	30.6	W
	4.87	55.35	31.2	W
	5.84	55.34	29.9	O
78	5.97	26.29	1.6	O
	8.81	26.21	1.2	O
	8.81	26.17	1.3	O
	8.82	26.18	1.2	W
	8.82	26.21	2.0	W
	8.85	—	2.5	W
	18.83	26.30	2.2	W
79	4.90	10.79	27.6	W
	5.71	10.74	28.9	W
	5.88	10.73	27.7	O
	5.88	10.75	26.6	O
	5.92	10.76	29.0	O
	8.86	10.70	27.1	W
	11.97	10.71	27.5	O
80	5.95	35.02	9.9	O
	11.96	34.94	9.8	W
	12.61	34.96	9.8	O
	12.84	34.92	—	O
	12.91	34.94	10.9	W
	12.97	34.94	9.8	W
	12.98	34.97	10.2	W
81	5.88	13.22	38.9	O
	5.92	13.22	39.5	O
	5.97	13.18	39.3	O
	8.96	13.19	38.9	W
	11.85	13.24	39.9	W
	13.01	13.19	38.9	W
82	8.81	11.43	27.9	O
	8.81	11.48	27.5	O
	8.82	11.47	29.4	W
	8.82	11.46	28.0	W
	8.85	—	29.2	W
	11.97	11.43	29.3	O
	13.01	11.44	—	W
83	5.70	26.65	50.8	W
	5.84	26.64	50.1	O
	5.88	26.65	49.7	O
	5.97	26.58	51.0	O
	12.97	26.60	51.5	W
	12.98	26.60	50.1	W
84	2.83	42.76	3.1	O
	2.83	42.81	3.4	O
	5.71	42.83	2.9	W
	5.88	42.82	2.0	O
	5.92	42.81	3.5	O
	5.95	42.77	2.0	O
85	8.86	7ᵐ04	54°2	W
	11.96	7.09	54.5	W
	12.61	7.07	54.9	O
	12.84	7.11	—	O
	12.91	7.02	55.7	O
	12.93	7.02	—	O
	13.02	—	53.8	W
	13.02	7.05	54.0	O
86	4.85	26.70:	40.1	W
	4.87	26.55	40.3	W
	4.87	26.60	40.4	W
	5.88	26.54	(35.4)	O
	5.97	26.51	39.7	O
87	4.90	3.54	5.0	W
	5.80	3.50	3.6	O
	5.84	3.58	4.6	O
	5.88	3.51	3.9	O
	13.01	3.46	4.3	W
	13.01	3.51	4.1	W
88	8.81	26.83	22.1	O
	8.85	—	20.9	W
	8.96	26.87	22.9	W
	11.85	26.90	23.4	W
	11.97	26.84	23.4	O
	11.97	26.87	22.4	O
	13.02	26.81	22.4	W
89	5.97	0.73	29.7	O
	8.81	0.73	29.5	O
	8.82	0.71	31.3	W
	11.85	0.77	31.9	W
	11.96	0.76	31.3	W
	11.97	0.66:	31.6	O
90	5.95	28.84	30.2	O
	8.82	28.76	29.8	W
	8.85	—	30.6	W
	8.86	28.69	30.7	W
	11.83	28.68	29.6	W
	11.97	28.68	30.6	O
	11.97	28.65	29.2	O
91	8.81	3.16	42.2	O
	8.81	3.18	41.8	O
	8.82	3.19	41.3	W
	8.85	—	41.8	W
	8.92	—	41.5	W
	11.97	3.15	42.0	O
	13.02	3.16	42.5	W
	13.63	3.10	41.4	W
92	2.96	47ᵐ87	14°9	O
	4.96	47.80	15.2	W
	5.71	47.87	14.4	W
	5.80	47.87	14.7	O
	5.84	47.86	14.0	O
	5.88	47.83	14.8	O
	12.98	47.89	14.8	W
93	8.82	10.90	17.8	W
	8.85	—	17.4	W
	8.86	10.89	18.1	W
	11.97	10.77:	20.1	O
	11.97	10.93	18.2	O
	12.91	10.86	19.0	O
	12.97	10.83	—	W
94	8.96	24.07	38.0	W
	11.85	24.01	39.8	W
	12.61	24.04	38.3	O
	12.92	24.05	40.0	O
	12.96	24.04	37.9	O
	13.01	24.00	38.0	W
95	2.83	33.82	13.8	O
	4.85	33.78	—	W
	4.90	33.82	14.5	O
	5.95	33.82	13.1	O
	13.01	33.79	14.6	W
	13.02	33.88	13.9	O
96	13.02	5.48	4.6	W
	13.03	5.47	5.3	O
97	12.84	5.57	54.7	O
	13.63	5.49	54.5	W
	13.66	5.47	55.0	W
	13.78	5.53	54.9	W
	13.85	5.49	55.1	O
	13.86	5.51	55.6	O
98	8.81	9.74	56.7	O
	8.81	9.76	55.6	O
	8.92	—	55.4	W
	12.97	9.80	56.6	W
	13.64	9.72	—	W
99	13.64	53.62	43.7	W
	13.66	53.61	43.6	W
	13.80	53.68	44.6	W
	13.81	53.67	44.7	O
	13.86	53.62	44.8	O
	13.87	53.60	45.0	O
100	5.71	55.68	49.9	W
	5.88	55.69	49.2	O
	12.96	55.70	49.5	O
	13.02	55.70	49.8	O
	13.80	55.69	49.7	W
	13.97	55.65	51.1:	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
101	12.91	18ʰ80	31°1	O
	12.92	18,78	31,6	O
	12.98	18,79	29,6	W
	13.02	18,75	31,4	W
	13.63	18,75	29,4	W
	13.92	18,79	30,4	O
102	8.81	57.18	14.9	O
	8.81	57.13	15,6	O
	8.85	—	15,7	W
	8.92	—	15,3	W
	11.85	57.17	17.5	W
	11.97	57.16	15,3	O
	12.97	57.15	—	W
	13.01	57.12	—	W
103	8.82	9.01	41.4	W
	8.96	8.96	41.8	W
	11.85	9.03	40.7	W
	12.61	9.02	42.4	O
	12.84	8.99	40.5	O
	13.02	8.96	41.7	O
105	2.83	7.84	7.3	O
	4.85	7.83	8.0	W
	4.90	7.84	7.2	W
	4.94	7.77	8.0	W
	5.80	7.84	8.1	O
	5.84	7.81	6.8	O
106	2.96	13.80	49.5	O
	4.96	13.74	49.9	W
	5.71	13.75	49.9	W
	5.88	13.74	49.1	O
	5.95	—	50.5	O
	8.86	13.76	50.3	W
	12.96	13.71	—	O
107	8.81	15.51	0.9	O
	8.81	15.51	1.3	O
	8.82	15.50	0.7	W
	8.85	—	0.4	W
	11.83	15.54	0.8	W
	11.84	15.50	2.2	W
	11.97	15.40	2.3	O
108	5.95	46.76	2.0	O
	12.01	—	2.4	O
	12.61	46.88	—	O
	12.92	46.77	3.5	O
	12.97	46.82	2.4	W
	12.98	46.84	1.0	W
	13.01	46.81	2.0	W
109	8.82	17.61	45.2	W
	8.92	—	45.5	W
	11.85	17.58	47.3	W
	11.97	17.55	45.2	O
	12.61	17.58	45.8	O
	12.96	17.56	46.3	O
	13.01	17.57	45.2	W
110	8.96	56ʰ68	34°2	W
	11.96	56,63	33.1	W
	12.84	56,66	33.6	O
	12.90	56,61	32.5	O
	12.98	56,57	33.5	W
	13.02	56,61	33.9	O
111	4.96	12.25	36.6	W
	5.71	12.16	36.7	W
	5.80	12.22	36.5	O
	5.84	12.20	45.9	O
	5.88	12.21	45.5	O
	8.86	12.21	45.6	W
113	12.96	21.11	20.5	O
	12.97	21.16	21.2	W
	13.01	21.16	20.5	W
	13.01	21.18	20.6	W
	13.02	21.13	20.2	O
	13.03	21.17	19.0	O
114	8.81	48.48	44.5	O
	8.81	48.40	44.5	O
	8.82	48.48	44.6	W
	11.96	48.35	42.8	W
	11.97	48.49	44.0	O
	12.98	48.40	45.0	W
115	4.96	0.63	20.0	W
	5.84	0.71	19.7	O
	5.95	0.74	19.8	O
	12.92	0.77	23.4	O
	13.01	0.89	21.0	W
	13.02	0.90	22.3	W
116	8.82	3.39	17.4	W
	8.85	—	17.1	W
	8.86	3.38	17.4	W
	11.97	3.38	17.0	O
	12.84	3.37	17.3	O
	12.96	3.40	17.8	O
	13.64	3.28	16.9	W
117	2.83	10.85	11.8	O
	2.96	10.83	13.3	O
	5.80	10.80	12.6	O
	12.97	10.77	12.2	W
	13.01	10.82	13.3	W
	13.63	10.81	13.0	W
118	8.81	59.51	30.0	O
	8.81	59.22	27.4	O
	8.82	59.55	28.4	W
	8.92	—	29.4	W
	11.84	59.54	29.5	W
	11.97	59.52	29.2	O
	13.66	59.56	27.8	W
119	5.71	16ʰ06	17°0	W
	5.88	16.10	17.1	O
	12.98	16.09	17.7	W
	13.02	16.08	17.3	O
	13.03	16.06	16.7	O
	13.80	16.12	17.7	W
120	8.85	—	6.2	W
	11.83	44.77	6.3	W
	11.97	44.79	7.4	O
	12.90	44.81	8.7	O
	12.91	44.80	6.8	O
	13.97	44.81	8.3	W
	14.01	44.80	7.5	W
121	2.96	57.21	30.7	O
	5.80	57.22	30.6	O
	5.95	57.20	29.9	O
	13.01	57.24	31.0	W
	13.01	57.21	30.5	W
	13.02	57.28	31.7	W
122	8.81	59.07	32.4	O
	8.86	59.00	33.2	W
	11.97	58.95	33.7	O
	12.84	58.99	33.3	O
	12.90	58.96	33.5	O
	13.63	59.00	33.2	W
123	2.81	12.81	38.8	O
	2.83	12.71	39.5	O
	12.92	12.64	36.2	O
	12.97	12.61	37.3	W
	12.98	12.67	37.6	W
	13.64	12.68	36.6	W
124	12.96	18.64	17.5	O
	13.02	18.60	17.6	O
	13.03	18.64	16.9	O
	13.66	18.61	17.1	W
	13.66	18.64	16.3	W
	13.78	18.72	17.2	W
125	5.88	44.87	47.8	O
	13.02	44.89	46.8	W
	13.04	44.90	47.4	O
	13.68	44.85	47.8	W
	13.80	44.86	47.4	W
	13.86	44.79	48.3	O
126	11.83	48.67	19.2	W
	11.97	48.70	19.9	O
	13.80	48.70	19.9	W
	13.81	48.67	18.8	W
	13.81	48.67	20.7	O
	13.86	48.66	19.8	O
127	5.80	4ʰ22	38°3	O
	12.92	4.15	38.5	O
	13.87	4.15	38.8	O
	13.97	4.17	38.3	W
	14.01	4.05	38.3	W
	14.01	4.16	—	W
	14.07	4.13	39.0	W
128	12.97	13.31	17.0	W
	13.01	13.35	17.5	W
	13.92	13.31	16.7	O
	13.92	13.34	16.5	O
	13.93	13.31	16.7	O
	14.01	13.25	17.0	W
129	13.63	16.91	27.4	W
	13.64	16.86	28.1	W
	13.66	16.78	29.0	W
	13.85	16.85	29.0	O
	13.86	16.80	30.2	O
	13.92	16.89	29.6	O
130	13.66	28.03	10.6	W
	13.78	27.97	10.3	W
	13.80	27.95	10.2	W
	13.81	27.98	11.2	O
	13.86	28.00	11.2	O
	13.87	27.89	11.2	O
131	12.90	17.67	58.1	O
	13.03	17.61	57.7	O
	13.04	17.68	57.5	O
	13.80	17.66	58.2	W
	13.81	17.67	57.2	W
	14.01	17.69	58.9	W
▶32	12.98	30.49	23.0	W
	13.02	30.49	22.8	O
	13.92	30.52	22.8	O
	13.93	30.51	22.3	O
	13.97	30.50	23.5	W
	14.01	30.51	24.0	W
133	13.63	36.50	39.2	W
	13.78	36.46	39.3	W
	13.92	36.52	40.2	O
	13.92	36.47	39.1	O
	14.06	36.48	39.4	W
	14.07	36.50	39.8	W
134	8.81	46.51	35.6	O
	8.85	—	35.4	W
	8.86	46.54	35.4	W
	11.97	46.46	36.2	O
	11.97	46.48	36.6	O
	13.64	46.41	36.9	W
	13.66	46.35	37.0	W
	13.85	46.45	36.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
135	2.81	49ˢ51	14″6	O
	2.83	49.53	14.2	O
	2.96	49.54	14.6	O
	4.85	49.48	14.4	W
	4.90	49.51	13.7	W
	4.96	49.50	14.6	W
136	5.88	21.59	5.0	O
	12.96	21.72	6.7	O
	13.02	21.71	7.1	W
	13.04	21.70	7.4	O
	13.66	21.73	7.8	W
	13.80	21.64	8.2	W
137	5.80	25.21	19.0	O
	11.91	25.24	(22.3)	W
	12.84	25.13	18.8	O
	12.91	25.04:	18.5	O
	12.97	25.19	18.6	W
	13.01	25.19	19.4	W
138	8.81	28.84	12.3	O
	8.85	—	10.9	W
	11.85	28.83	—	W
	11.97	28.89	13.1	O
	12.03	28.76	12.9	O
	12.98	28.78	12.6	W
	13.63	28.77	13.2	W
	13.68	28.78	13.3	W
139	2.81	14.81	40.6	O
	2.83	14.78	40.5	O
	2.96	14.87	40.2	O
	4.85	14.78	40.3	W
	4.90	14.67	40.4	W
	4.94	14.82	39.5	W
140	8.86	20.79	51.6	W
	11.85	20.80	52.2	W
	11.85	20.77	51.1	W
	11.97	20.78	51.6	O
	11.97	20.72	51.5	O
	12.84	20.78	52.3	O
141	5.88	26.51	40.7	O
	8.85	—	41.0	W
	11.91	26.52	39.2	W
	12.96	26.56	40.9	O
	13.01	26.41:	—	W
	13.02	26.53	39.7	O
	13.64	26.53	39.9	W
142	12.90	39.70	60.6	O
	12.97	39.66	58.6	W
	13.03	39.76	60.3	O
	13.04	39.73	60.2	O
	13.66	39.72	59.9	W
	13.66	39.74	59.4	W
143	8.81	29.67	8″1	O
	8.86	29.61	7.0	W
	11.97	29.63	6.6	O
	11.97	29.65	7.5	O
	12.98	29.65	6.2	W
	13.03	29.55:	6.9	W
144	11.85	30.23	29.8	W
145	5.80	0.73	50.1	O
	5.88	0.74	49.8	O
	12.03	0.72	51.2	O
146	5.92	10.60	15.3	O
	8.81	10.74	15.8	O
	8.81	10.70	15.8	O
	8.85	—	15.3	W
	11.91	10.80	14.2	W
	13.02	10.77	14.8	W
	13.66	10.80	16.6	W
147	2.81	56.95	50.3	O
	2.83	56.92	49.5	O
	2.96	56.95	50.6	O
	4.85	56.99	49.5	W
	4.90	56.95	50.3	W
	4.94	56.95	50.2	W
148	5.95	11.17	45.6	O
	12.84	11.13	45.7	O
	12.90	11.19	46.1	O
	12.97	11.17	46.8	W
	13.64	11.13	46.6	W
	13.66	11.20	47.1	W
149	8.81	16.96	11.0	O
	8.86	16.98	12.7	W
	11.85	16.84:	13.3	W
	11.85	16.94	11.1	W
	11.97	17.00	11.7	O
	11.97	16.95	12.3	O
150	5.71	30.75	57.3	W
	12.96	30.69	56.2	O
	13.02	30.75	54.9:	O
	13.03	30.74	55.7	O
	13.63	30.62	56.2	W
	13.80	30.70	55.6	W
151	5.92	7.53	29.9	O
	8.85	—	29.8	W
	12.01	7.57	29.0	O
	12.05	7.62	28.3	O
	12.98	7.60	29.5	W
	13.02	7.56	28.5	W
	13.78	7.56	28.8	W
152	4.96	38ˢ79	34″5	W
	5.80	38.79	33.1	O
	5.88	38.78	33.4	O
	5.95	38.81	33.5	O
	12.97	38.76	33.1	W
	13.01	38.80	34.9	W
153	8.81	39.86	13.8	O
	8.81	39.04	15.1	O
	11.85	39.89	16.1	W
	12.03	39.89	15.0	O
	13.64	39.00	15.0	W
	13.66	39.89	14.5	W
154	8.85	—	5.2	W
	11.91	3.46	4.3	W
	11.97	3.46	5.9	O
	12.84	3.41	7.5	O
	12.90	3.44	6.5	O
	12.98	3.44	5.1	W
	13.66	3.42	6.7	W
155	8.81	17.63	2.8	O
	8.86	17.66	3.6	W
	11.85	17.68	4.5	W
	11.85	17.60	2.3	W
	11.97	17.64	4.1	O
	12.96	17.67	3.6	O
156	5.92	13.91	35.7	O
	8.81	13.90	35.7	O
	11.85	13.81	36.6	W
	12.05	13.85	36.0	O
	13.02	13.87	36.9	W
	13.63	13.80	37.0	W
157	5.71	32.94	0.7	W
158	2.81	46.83	9.4	O
	2.83	46.86	10.1	O
	2.96	46.83	9.8	O
	4.85	46.89	9.9	W
	4.90	46.87	9.8	W
	4.94	46.87	11.1	W
159	4.96	29.35	(63.2)	W
	5.80	29.34	61.0	O
	5.84	29.33	59.7	O
	8.81	29.34	60.7	O
	12.97	29.35	61.6	W
	13.01	29.34	60.6	W
160	5.95	11.29	41.0	O
	8.86	11.32	40.7	W
	11.85	11.34	40.2	W
	11.91	11.33	39.9	W
	12.03	11.37	39.9	O
	12.84	11.30	40.1	O
161	12.79	45ˢ08	46″7	O
	12.96	45.05	46.0	O
	12.98	45.09	46.5	W
	13.02	45.10	46.3	W
	13.02	45.06	45.7	O
	13.64	45.06	47.2	W
162	12.90	3.01	58.6	O
	13.03	2.99	58.2	O
	13.04	2.98	58.3	O
	13.63	2.98	58.9	W
	13.66	3.04	59.1	W
	13.66	3.01	58.7	W
163	2.81	48.55	33.1	O
	2.83	48.54	34.5	O
	2.96	48.50	33.3	O
	4.85	48.51	34.2	W
	4.90	48.54	33.2	W
	4.94	48.56	32.5	W
164	5.71	49.00	54.2	W
	5.80	49.03	54.0	O
	5.84	48.96	54.4	O
	5.88	49.04	53.8	O
	8.81	49.05	54.2	O
	13.78	49.00	55.5	W
165	5.92	9.78	39.8	O
	8.81	9.77	39.4	O
	8.81	9.78	39.8	O
	8.85	—	40.4	W
	11.83	9.76	38.9	W
	11.84	9.77	42.5:	W
	13.80	9.77	40.1	W
166	8.86	22.46	6.0	W
	11.85	22.42	6.7	W
	11.85	22.46	6.7	W
	11.97	22.39	6.9	O
	11.97	22.41	6.8	O
	11.97	22.41	6.5	O
167	5.92	13.25	9.7	O
	8.81	13.33	9.3	O
	8.85	—	8.9	W
	11.91	13.27	8.3	W
	12.01	13.29	9.9	O
	12.05	13.31	9.3	O
	12.97	13.30	—	W
168	4.85	46.97	17.0	W
	4.90	47.04	17.3	W
	4.94	46.98	16.8	W
	5.88	46.95	17.4	O
	5.95	47.01	18.6	O
	12.91	46.99	17.6	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
169	2.81	14^h37	$39''8$	O
	5.71	14.35	39.7	W
	5.84	14.31	39.7	O
	5.88	14.31	40.0	O
	12.98	14.31	40.0	W
	13.02	14.33	39.3	W
170	8.81	24.81	43.6	O
	8.81	24.78	43.5	O
	11.84	24.70	44.8	W
	12.93	24.78	44.4	O
	13.63	24.78	45.3	W
	13.66	24.79	45.0	W
172	5.88	29.07	53.1	O
	5.93	29.07	53.1	O
	8.86	28.99	53.1	W
	12.91	29.03	53.2	O
	13.02	28.97	53.7	W
	13.66	29.04	53.8	W
173	2.96	57.96	40.0	O
	8.81	57.96	39.6	O
	11.91	58.00	39.7	W
	12.96	57.93	37.7	O
	12.98	57.94	39.6	W
	13.63	57.95	40.2	W
174	5.71	20.13	18.7	W
	5.84	20.08	19.2	O
	5.88	20.10	19.6	O
	5.88	20.16	18.5	O
	13.64	20.04	19.1	W
	13.66	20.02	19.0	W
175	5.92	43.74	5.8	O
	8.81	43.84	6.0	O
	8.86	43.84	5.6	W
	11.85	43.82	7.3	O
	12.84	43.82	6.7	O
	13.68	43.86	5.7	W
176	8.81	56.05	27.0	O
	11.91	56.07	26.7	W
	12.03	56.11	27.3	O
	12.79	56.02	27.7	O
	13.02	56.07	26.8	W
	13.64	56.11	27.5	W
177	12.90	55.00	46.7	O
	12.93	54.97	47.3	O
	12.96	53.05	47.5	O
	12.98	55.01	46.5	W
	13.63	55.06	47.9	W
	13.66	55.00	47.0	W
178	4.85	1^h17	$54''5$	W
	4.90	1.25	54.5	W
	4.94	1.17	54.2	W
	5.80	1.19	54.8	O
	5.84	1.20	55.0	O
	5.88	1.22	55.8	O
179	11.85	8.03	6.6	W
	12.84	8.10	7.8	O
	13.02	8.11	7.0	O
	13.03	8.12	7.3	O
	13.78	8.10	6.7	W
	13.80	8.13	6.6	W
180	5.88	31.46	32.0	O
	11.91	31.39	33.7	W
	12.03	31.40	32.7	O
	12.93	31.28	33.3	O
	13.63	31.29	35.0	W
	13.64	31.32	35.1	W
181	4.90	52.12	29.7	W
	4.94	52.18	(26.7)	W
	5.80	52.12	29.2	O
	5.88	52.17	28.9	O
	11.85	52.14	29.2	W
	13.03	52.09	29.3	O
182	8.81	6.90	47.7	O
	8.81	6.89	48.8	O
	8.85	—	48.0	W
	8.86	6.84	48.5	W
	8.93	6.90	47.5	W
	12.91	6.84	48.1	O
	12.98	6.86	—	W
183	8.81	18.21	53.4	O
	8.95	18.31	53.3	W
	11.85	18.16	54.7	W
	11.85	18.20	53.3	W
	12.84	18.19	53.9	O
	12.96	18.22	54.9	O
184	5.71	46.28	1.2	W
	5.88	46.24	1.8	O
	5.92	46.25	2.7	O
	8.85	—	1.0	W
	8.94	46.25	2.3	W
	12.03	46.21	0.7	O
	12.98	46.24	—	W
185	8.81	1.45	55.3	O
	8.81	1.51	55.2	O
	8.81	1.50	56.3	O
	8.85	1.49	55.7	W
	8.93	1.50	56.3	W
	11.85	1.59	55.9	W
186	2.81	23^h01	$47''2$	O
	4.85	23.07	47.3	W
	4.90	23.06	47.3	W
	4.94	23.00	46.7	W
	4.96	23.02	46.8	W
	5.80	23.89	46.1	O
	5.84	23.95	46.9	O
187	11.85	34.62	8.0	W
188	5.88	50.16	39.6	O
189	5.92	58.71	55.9	O
	8.85	—	53.7	W
	8.93	58.67	54.8	W
	11.85	58.66	55.9	W
	12.01	58.64	55.1	O
	12.05	58.66	55.3	O
	12.98	58.65	—	W
190	8.81	35.90	5.4	O
	8.81	35.92	5.4	O
	8.81	35.95	5.4	O
	8.93	35.92	6.4	W
	8.94	35.95	5.5	W
	11.85	35.97	5.2	W
191	5.71	41.67	(4.3)	W
	5.88	—	6.2	O
	5.95	41.57	7.1	O
	8.86	41.64	6.5	W
	11.83	41.62	8.2	W
	12.03	41.57	6.2	O
	12.79	41.58	—	O
192	2.81	29.29	45.5	O
	4.85	29.30	46.2	W
	4.90	29.29	45.9	W
	4.94	29.34	45.8	W
	5.80	29.31	45.8	O
	5.84	29.32	46.4	O
193	5.71	17.15	26.8	W
	5.88	17.16	25.6	O
	5.92	17.21	25.6	O
	12.84	17.15	26.4	O
	12.98	17.18	25.0	W
	13.02	17.18	26.2	W
194	12.91	33.21	5.7	O
	12.93	33.18	7.8	O
	12.96	33.19	7.7	O
	13.08	33.22	9.0	W
	13.03	33.30	9.1	W
	13.66	33.24	8.6	W
195	8.93	53^h68	$35''4$	W
	8.94	53.66	34.7	W
	11.91	53.70	34.0	W
	13.02	53.69	34.3	O
	13.03	53.66	34.7	O
	13.04	53.69	35.6	O
196	13.64	8.02	52.4	W
	13.66	7.97	51.7	W
	13.68	7.99	50.9	W
	13.81	7.98	51.2	O
	13.85	8.01	50.4	O
	13.80	7.97	51.8	O
198	5.84	20.20	28.0	O
	13.80	20.20	28.7	W
	13.80	20.17	28.2	W
	13.87	20.21	26.8	O
	13.92	20.20	28.0	O
	13.97	20.15	27.9	W
199	12.91	44.24	22.7	O
	12.93	44.20	23.5	O
	12.96	44.21	23.5	O
	13.02	44.20	24.2	W
	13.08	44.21	23.6	W
	13.63	44.22	23.8	W
200	5.88	41.04	11.9	O
	5.88	41.02	12.4	O
	5.92	41.01	12.1	O
	12.98	40.97	11.2	W
	13.64	40.89	12.9	W
	13.66	40.94	13.5	W
201	5.92	42.98	25.5	O
	8.81	42.94	24.9	O
	8.85	—	24.9	W
	8.86	42.99	25.8	W
	8.93	43.01	24.3	W
	8.94	43.01	24.7	W
	12.90	42.92	25.1	O
202	5.71	51.10	26.0	W
	5.80	51.11	25.1	O
	5.84	51.12	25.5	O
	5.85	51.06	24.8	O
	11.91	51.11	25.4	W
	13.02	51.11	24.6	W
203	4.96	20.88	54.3	W
	5.88	—	52.7	O
	5.88	20.92	53.4	O
	13.02	20.81	53.4	O
	13.63	20.83	53.4	W
	13.66	20.87	53.5	W
	13.92	20.88	53.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
204	8.81	30h04	29°7	O
	8.81	30.12	30.2	O
	8.93	30.04	30.8	W
	8.96	30.06	30.6	W
	11.85	30.01	31.5	W
	12.03	30.03	30.9	O
205	5.88	59.25	50.1	O
	5.92	59.29	49.0	O
	12.93	59.14	52.1	O
	12.98	59.10	52.1	W
	13.02	59.06	52.4	W
	13.08	59.14	52.7	W
206	13.63	49.96	34.4	W
207	8.81	2.98	2.5	O
	8.85	—	2.7	W
	11.85	3.04	3.7	W
	12.03	2.98	3.7	O
	12.84	3.00	3.4	O
	13.04	3.00	3.0	W
	13.80	2.99	2.8	W
208	5.80	5.64	31.6	O
	5.88	5.57	32.1	O
	5.88	5.57	32.1	O
	13.68	5.62	32.4	W
	13.80	5.60	32.4	W
	13.97	5.59	32.1	W
210	4.96	0.74	34.5	W
	5.71	0.67	34.4	W
	5.80	0.76	32.5	O
	5.84	0.85:	33.8	O
	5.88	0.68	33.4	O
	5.88	—	34.0	O
	5.88	0.68	33.6	O
	8.81	0.68	—	O
	11.85	0.66	36.4	W
211	5.92	12.06	8.4	O
	8.81	12.11	10.0	O
	8.81	12.12	9.1	O
	8.85	—	9.1	W
	8.86	12.11	9.1	W
	8.95	12.08	8.8	W
	8.95	12.08	8.8	W
212	2.81	6.93	39.4	O
	2.85	6.90	40.2	O
	4.85	6.87	39.7	W
	4.90	6.88	39.3	W
	12.03	6.88	38.2	O
	12.98	6.80	37.5	W
213	4.94	10h17	29°0	W
	5.88	10.19	29.4	O
	5.88	10.26	28.7	O
	5.92	10.29	29.1	O
	11.85	(10.41)	28.1	W
	11.91	10.23	28.6	W
214	5.84	8.68:	47.6	O
	5.88	8.61	47.4	O
	5.88	—	46.8	O
	5.88	8.56	47.2	O
	8.96	8.50	47.4	W
	13.02	8.56	47.7	W
	13.08	8.52	48.0	W
215	5.71	51.82	59.0	W
	5.92	51.79	59.4	O
	8.81	51.80	59.4	O
	8.81	51.81	58.8	O
	8.85	—	60.1	W
	8.95	51.84	59.4	W
	11.84	51.82	59.1	W
216	8.93	26.99	51.4	W
217	8.81	28.98	18.0	O
	8.92	29.01	19.0	W
	8.95	29.01	17.7	W
	8.93	28.98	18.5	W
	12.05	28.93	20.0	O
	12.79	28.97	19.5	O
219	2.81	12.50	60.0	O
	2.85	12.51	60.3	O
	4.90	12.53	59.3	W
	4.94	12.56	60.5	W
	5.71	12.50	58.8	W
	5.80	12.54	59.4	O
220	4.96	38.95	10.5	W
	5.88	39.09:	9.6	O
	5.88	—	9.3	O
	12.84	38.92	9.2	O
	13.02	38.99	10.0	W
	13.02	38.99	—	W
	13.63	38.96	10.8	W
222	11.85	9.13	9.4	W
	12.03	9.14	6.5	O
	12.79	9.24:	8.3	O
	12.93	9.12	7.2	O
	13.08	9.10	8.6	W
	13.64	9.17	8.2	W
223	11.84	27.12	38.0	W
	11.85	27.14	36.0	W
	11.85	27.15	36.2	W
	12.91	27.09	37.8	O
	13.03	27.15	38.1	O
	13.04	27.09	38.2	O
224	11.91	2h54	(55.4)	W
	12.05	2.48	58.4	O
	13.02	2.53	59.6	O
	13.08	2.52	58.6	W
	13.68	2.50	58.4	W
	13.86	2.54	57.8	O
225	2.81	3.16	6.6	O
	2.85	3.13	5.4	O
	4.90	3.15	6.1	W
	4.94	3.20	6.5	W
	5.71	3.16	6.7	W
	13.03	3.03	6.4	O
226	5.80	6.19	13.6	O
	5.88	6.22	14.5	O
	5.88	6.24	13.9	O
	13.03	6.27	15.2	W
	13.66	6.17	14.8	W
	13.80	6.18	15.1	W
227	5.88	—	25.0	O
	5.92	18.45	25.0	O
	12.93	18.37	25.5	O
	13.02	18.40	25.6	W
	13.02	18.42	25.4	O
	13.64	18.41	26.0	W
	13.97	18.46	25.5	W
228	4.96	36.04	9.7	W
	5.01	36.14	8.7	O
	5.88	36.09	9.4	O
	5.88	36.13	9.1	O
	8.96	36.08	9.9	W
	11.91	36.12	10.0	W
229	5.88	53.87	32.2	O
	8.81	53.99	32.8	O
	8.93	53.96	32.3	W
	8.94	53.96	31.8	W
	8.95	53.99	32.0	W
	11.85	54.00	32.0	W
	12.03	53.97	32.3	O
230	5.88	24.39	21.1	O
	5.88	—	20.9	O
	5.88	24.43	21.9	O
	8.95	24.39	21.5	W
	8.96	24.44	21.4	W
	11.84	24.42	23.0	W
	12.84	24.39	20.1	O
231	2.81	24.83	42.8	O
	2.85	24.82	41.5	O
	4.90	24.85	41.4	W
	4.94	24.80	41.0	W
	5.71	24.83	42.2	W
	12.79	24.80	40.8	O
232	4.96	52h80	46°9	W
	5.01	52.78	46.5	O
	5.71	52.83	46.2	W
	5.80	52.75	46.1	O
	5.88	52.75	45.6	O
	11.85	52.85	45.0	W
233	5.88	11.39	18.5	O
	5.92	11.35	19.0	O
	5.94	11.31	17.9	O
	8.92	—	17.6	W
	8.92	11.37	18.5	W
	8.94	11.33	17.5	W
	11.85	11.31	18.4	W
234	5.88	56.64	13.1	O
	5.88	—	14.7	O
	5.88	56.64	13.1	O
	5.92	56.58	13.8	O
	8.92	—	13.8	W
	8.93	56.60	13.7	W
	8.94	56.59	13.1	W
	11.84	56.70	13.9	W
235	2.81	57.20	37.7	O
	2.85	57.20	38.3	O
	4.90	57.20	38.8	W
	5.71	57.19	37.6	W
	11.85	57.18	39.3	W
	12.05	57.16	37.5	O
236	4.96	7.47	54.4	W
	5.01	7.52	53.8	O
	5.02	7.51	53.8	O
	5.80	7.55	54.1	O
	5.88	7.56	54.2	O
	8.96	7.51	54.3	W
	11.85	7.48	55.2	W
237	5.88	33.50	15.2	O
	5.88	33.56	14.9	O
	5.88	—	15.1	O
	5.88	33.49	15.4	O
	11.91	33.48	14.6	W
	12.84	33.47	15.4	O
	13.08	33.55	16.4	W
238	5.88	38.53	9.5	O
	5.88	38.46	10.5	O
	5.92	38.48	9.6	O
	8.81	38.46	8.7	O
	8.92	—	10.6	W
	8.93	38.48	10.3	W
	11.85	38.49	9.1	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
239	5.88	49°.11	42″.9	O
	5.88	—	43.1	O
	5.88	49.07	43.3	O
	5.92	49.19	42.6	O
	8.94	49.07	43.9	W
	8.95	49.04	43.8	W
	11.84	48.99	45.0	W
240	2.85	49.80	8.3	O
	4.85	49.76	8.2	W
	4.86	49.82	8.8	W
	4.90	49.76	8.3	W
	4.94	49.82	8.1	W
	5.01	49.81	7.7	O
241	2.81	33.80	47.3	O
	5.80	33.75	47.8	O
	5.88	33.83:	48.3	O
	8.96	33.79	48.5	W
	13.63	33.77	49.2	W
	13.64	33.77	48.8	W
243	12.84	49.64	5.9	O
	12.91	49.63	5.6	O
	13.03	49.62	5.1	O
	13.08	49.68	6.6	W
	13.66	49.59	6.0	W
	13.68	49.64	7.0	W
244	12.84	43.49	34.9	O
	12.93	43.40:	34.0	O
	13.04	43.50	34.3	O
	13.64	43.50	34.3	W
	13.80	43.50	34.8	W
	13.97	43.52	35.5	W
245	5.88	45.26	51.6	O
	5.92	45.26	51.7	O
	5.92	45.34	51.3	O
	8.95	45.25	52.3	W
	8.96	45.25	52.0	W
	12.92	45.30	—	O
	13.66	—	51.4	W
247	13.08	6.37	50.7	W
248	5.88	35.75	48.1	O
	5.88	35.76	49.8	O
	5.88	35.75	48.4	O
	8.93	—	49.4	W
	11.85	35.89	50.9	W
	13.63	35.89	50.7	W
	13.68	35.89	51.4	W
249	11.91	51.65	30.1	W
	12.03	51.69	31.9	O
	12.91	51.74	30.7	O
	12.93	51.62	29.8	O
	13.64	51.74	30.2	W
	13.78	51.69	30.3	W
250	5.88	16.00	3″.2	O
	5.92	16.04	2.6	O
	5.94	15.98	4.8	O
	8.93	15.99	3.2	W
	8.96	16.08	3.4	W
	12.92	15.95	3.1	O
251	5.80	20.28	46.8	O
	5.88	—	45.6	O
	12.93	20.31	—	O
252	5.92	40.28	36.1	O
	8.81	40.20	37.3	O
	8.92	—	35.4	W
	8.93	40.25	35.3	W
	8.95	40.27	35.5	W
	12.91	40.23	36.2	O
	13.10	40.26	35.4	W
253	2.81	55.28	59.2	O
	4.85	55.24	58.9	W
	4.86	55.21	59.6	W
	4.94	55.24	59.6	W
	5.01	55.24	59.4	O
	5.88	55.23	60.0	O
254	5.92	32.17	36.1	O
	5.94	32.21	37.2	O
	8.95	32.24	35.5	W
	8.96	32.20	36.4	W
	11.84	32.24	39.1:	W
	11.84	32.17	36.7	W
	12.03	32.29:	36.9	O
255	4.96	6.46	43.1	W
	5.02	6.49	41.6	O
	5.80	6.46	41.8	O
	5.88	6.54	41.7	O
	5.97	6.48	42.1	W
	11.85	6.50	44.1	W
256	5.88	29.89	12.8	O
	5.88	—	12.5	O
	5.88	29.89	12.4	O
	8.95	29.89	12.1	W
	11.85	29.89	11.8	W
	11.85	29.90	11.4	W
	12.84	29.97	12.4	O
257	5.92	7.79	50.3	O
	5.94	7.82	50.3	O
	8.81	7.83	48.6	O
	8.93	7.79	50.1	W
	8.94	7.80	49.3	W
	11.91	7.78	49.7	W
258	5.88	18°.96	39″.2	O
	5.92	19.02	38.6	O
	8.95	19.01	38.3	W
	8.96	19.03	38.4	W
	12.05	18.94	36.2:	O
	13.10	19.04	38.9	W
259	13.10	41.52	42.1	W
	13.64	41.54	41.7	W
	13.66	41.46	42.9	W
	13.85	41.42	42.3	O
	13.86	41.47	42.1	O
	13.87	41.49	41.8	O
260	5.88	1.44	50.9	O
	5.88	1.43	50.7	O
	5.92	1.45	50.3	O
	8.92	—	49.5	W
	8.95	1.45	50.6	W
	11.84	1.38	50.3	W
	13.10	1.45	—	W
261	5.88	—	35.4	O
	5.92	26.75	35.6	O
	8.81	26.80	34.9	O
	11.85	26.74	35.5	W
	11.85	26.76	35.8	W
	11.85	26.80	36.4	W
	12.79	26.63:	—	O
	12.84	26.77	35.1	O
262	13.10	32.11	57.9	W
	13.10	32.13	57.3	W
	13.10	32.10	58.3	W
	13.87	32.05	56.9	O
	13.91	32.07	56.7	O
	13.92	32.08	56.6	O
263	5.88	52.53	32.9	O
	5.88	52.57	32.0	O
	5.94	52.51	31.8	O
	8.93	52.42:	32.7	W
	8.94	52.52	32.0	W
	8.94	52.50	32.5	W
264	5.92	54.24	41.3	O
	8.95	54.26	40.3	W
	8.95	54.26	40.5	W
	11.84	54.25	42.8	W
	12.03	54.25	41.7	O
	12.05	54.23	41.0	O
265	2.85	49.88	—	O
	3.08	49.93	32.8	W
	4.85	49.90	33.3	W
	4.86	49.89	32.9	W
	5.01	49.89	32.0	O
	5.02	49.88	31.8	O
	11.85	49.90	—	W
	12.92	49.92	31.9	O
	13.80	49.90	32.6	W
266	2.81	49.99	4″.4	O
	5.80	49.90	4.6	O
	5.88	49.95	5.6	O
	5.97	49.88	4.7	W
	11.91	49.85	4.8	W
	13.64	49.89	5.2	W
267	4.96	51.54	5.4	W
	5.88	51.55	5.0	O
	5.88	—	5.8	O
	5.88	51.61	5.5	O
	12.91	51.54	4.4	O
	13.66	51.54	5.9	W
	13.68	51.51	6.2	W
268	5.88	35.08	6.6	O
	11.85	35.06	9.3	W
	12.03	35.02	5.7	O
	13.10	35.01	8.9	W
	13.10	35.04	7.8	W
269	5.92	44.37	57.6	O
	5.92	44.43	57.9	O
	5.94	44.41	57.2	O
	8.92	—	57.5	W
	8.93	44.36	58.5	W
	8.94	44.41	58.6	W
	11.85	44.40	56.1	W
270	5.80	0.33	27.5	O
	5.88	0.36	27.2	O
	5.88	0.33	27.1	O
	5.97	0.32	28.8	W
	11.85	0.31	27.2	W
	13.08	0.31	28.7	W
271	13.10	13.00	48.1	W
	13.66	13.01	47.9	W
	13.68	13.03	48.4	W
	13.85	13.05	48.9	O
	13.86	13.01	48.2	O
	13.87	13.09	48.3	O
272	2.85	9.48	49.6	O
	3.08	9.47	50.3	W
	4.85	9.56	51.4	W
	4.86	9.46	51.1	W
	5.01	9.46	49.7	O
	5.02	9.49	49.8	O
273	8.95	10.23	41.8	W
	8.95	10.27	41.5	W
	8.96	10.24	41.7	W
	12.91	10.28	42.0	O
	12.92	10.26	43.7	O
	12.93	10.28	42.6	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
274	2.81	25h 8m1	11°3	O
	5.88	25.84	11.7	O
	13.03	25.81	12.6	O
	13.08	25.78	11.5	W
	13.10	25.79	12.0	W
	13.80	25.83	12.5	W
275	4.96	35.60	31.6	W
	5.88	—	32.5	O
	5.88	35.57	31.6	O
	13.04	35.60	30.9	O
	13.66	35.55	30.8	W
	13.91	35.68:	32.1	O
	13.97	35.57	32.3	W
276	8.81	49.85	27.6	O
277	8.92	—	20.9	W
	8.93	6.62	21.0	W
	11.84	6.54	22.8:	W
	12.79	6.55	20.6	O
	13.68	6.59	20.5	W
	13.86	6.56	20.1	O
	13.92	6.52	20.5	O
278	8.95	13.10	46.6	W
	8.95	13.14	46.0	W
	8.96	13.14	45.9	W
	12.91	13.07	45.7	O
	13.04	13.02	46.9	O
	13.87	13.06	47.0	O
279	5.88	31.72	16.1	O
	5.88	31.74	16.0	O
	5.97	31.72	15.5	W
	12.93	31.70	15.3	O
	13.03	31.71	16.8	O
	13.64	31.74	17.1	W
	13.80	31.72	15.3	W
280	5.80	34.01	6.8	O
	5.88	—	7.0	O
	5.88	34.03	6.8	O
	13.10	34.02	4.8	W
	13.66	34.02	6.2	W
	13.97	34.02	6.9	W
281	2.81	26.04	42.1	O
	2.85	26.09	42.0	O
	3.08	26.07	43.4	W
	4.85	26.10	42.7	W
	4.86	26.04	43.1	W
	5.02	26.01	41.9	O
	5.02	26.04	41.3	O
282	4.96	9h 5m5	16°7	W
	5.01	9.57	18.2	O
	5.88	9.51	17.7	O
	5.88	—	17.8	O
	5.88	9.54	18.1	O
	13.08	9.55	18.5	W
	13.68	9.55	18.1	W
283	8.81	9.60	56.2	O
	11.91	9.67:	55.5	W
	12.92	9.54	56.6	O
	13.03	9.59	56.5	O
	13.10	9.53	56.1	W
	13.10	9.55	57.2	W
284	5.92	39.40	22.0	O
	5.92	39.28	22.0	O
	8.95	39.28	22.2	W
	11.84	39.33	21.1	W
	11.85	39.25	22.6	W
	12.03	39.27	23.2	O
285	5.94	2.55	16.9	O
	8.93	2.58	20.1	W
	8.94	2.57	18.4	W
	11.85	2.52	17.1	W
	12.05	2.58	18.8	O
	12.05	2.61	18.2	O
286	5.97	7.91	11.4	W
	13.10	7.95	11.2	W
	13.64	7.90	11.1	W
	13.86	7.93	11.3	O
	13.87	7.92	11.8	O
	13.91	7.93	10.1	O
287	8.93	11.60	2.6	W
	8.96	11.62	2.8	W
	11.84	11.59	5.2	W
	12.91	11.59	4.5	O
	12.93	11.58	4.5	O
	13.85	11.56	3.4	O
288	5.80	29.00	34.3	O
	5.88	29.01	33.5	O
	5.88	28.99	32.4:	O
	5.88	29.01	34.0	O
	13.08	28.98	33.3	W
	13.80	28.98	33.7	W
289	5.88	—	39.8	O
	11.85	36.26	38.5	W
	13.04	36.26	39.1	O
	13.10	36.21	40.1	W
	13.66	36.27	39.1	W
	13.85	36.23	42.9	O
	13.92	36.25	42.8	O
290	2.81	18h 3m1	56°3	O
	5.02	18.33	55.3	O
	5.02	18.36	55.9	O
	13.10	18.32	55.7	W
	13.68	18.33	56.0	W
	13.97	18.37	56.7	W
291	2.09	16.53	10.3	O
	2.85	16.55	10.6	O
	3.08	16.53	10.2	W
	5.01	16.57	10.7	O
	5.97	16.53	10.9	W
	11.91	16.62	10.4	W
292	5.88	—	27.3	O
	5.88	42.81	27.6	O
	5.94	42.81	27.5	O
	8.93	42.85	26.6	W
	8.95	42.78	28.8	W
	8.95	42.84	27.7	W
	12.79	42.86	29.5	O
293	4.85	27.11	8.9	W
	4.86	27.12	9.5	W
	4.90	27.07	9.9	W
	5.80	27.14	9.7	O
	5.88	27.14	9.2	O
	5.88	27.12	8.8	O
294	5.88	9.14	22.1	O
	8.81	9.19	21.8	O
	8.95	9.23	22.9	W
	8.96	9.27	21.3	W
	11.85	9.20	22.5	W
	12.03	9.22	23.7	O
295	11.84	38.18	26.3	W
	11.84	38.18	25.9	W
	11.85	38.17	24.8	W
	12.05	38.19	26.2	O
	12.05	38.19	25.9	O
	12.79	38.21	27.1	O
296	5.88	42.17	22.7	O
	8.95	42.17	22.1	W
	11.85	42.24	24.2	W
	11.91	42.17	23.6	W
	12.91	42.13	23.2	O
	12.92	42.10	22.8	O
297	5.88	7.05	50.8	O
	5.88	7.02	51.1	O
	5.88	—	51.2	O
	8.93	7.04	50.6	W
	8.94	7.09	52.1	W
	8.95	7.05	51.8	W
	12.79	7.05	51.2	O
298	5.88	13h 7m1	8°5	O
	5.94	13.77	9.4	O
	8.81	13.77	9.1	O
	8.95	13.72	8.8	W
	8.96	13.73	8.4	W
	11.85	13.72	8.6	W
299	2.81	38.59	36.3	O
	2.85	38.64	35.7	O
	3.08	38.69	37.1	W
	4.85	38.60	37.2	W
	4.86	38.62	36.9	W
	4.90	38.66	36.8	W
	4.94	38.63	36.3	W
	4.96	38.62	37.6	W
	5.01	38.62	36.8	O
	5.02	38.65	35.7	O
	5.02	38.63	36.5	O
300	5.88	51.58	33.8	O
	5.95	51.58	32.0	O
	11.84	51.57	35.0	W
	11.84	51.61	32.1	W
	11.85	51.52	30.7	W
	12.03	51.59	34.1	O
301	3.08	43.61	46.8	W
	4.85	43.59	47.4	W
	4.86	43.62	47.1	W
	4.90	43.60	48.4	W
	4.94	43.63	47.0	W
	5.01	43.64	44.1	O
	5.02	43.63	46.1	O
	5.02	43.62	46.5	O
302	2.85	57.94	16.5	O
	5.80	57.95	16.2	O
	5.88	57.99	16.5	O
	5.97	58.04	16.6	W
	13.10	58.01	17.4	W
	13.10	58.03	17.0	W
303	5.88	—	42.7	O
	5.88	10.65	43.7	O
	5.94	10.74	43.2	O
	8.94	10.69	43.0	W
	8.95	10.66	43.5	W
	8.96	10.71	42.9	W
	12.92	10.72	—	O
304	5.94	17.45	37.5	O
	8.95	17.50	37.2	W
	11.85	17.42	38.6	W
	12.03	17.48	37.3	O
	12.05	17.49	37.1	O
	13.66	17.50	37.1	W

Digitized by Google

No des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
305	11.85	48h31	39°2	W
	12.05	48.34	40.9	O
	12.79	48.32	40.4	O
	12.91	48.32	40.0	O
	13.04	48.30	40.6	W
	13.08	48.34	40.7	W
306	5.88	3.83	31.7	O
	12.92	3.81	31.8	O
	13.04	3.79	33.0	O
	13.80	3.81	33.8	W
	13.97	3.79	32.6	W
	14.01	3.83	33.6	W
307	13.10	24.32	27.7	W
	13.10	24.31	28.1	W
	13.66	24.31	29.1	W
	13.86	24.30	29.4	O
	13.87	24.29	28.0	O
	13.91	24.37	27.2	O
309	5.94	29.37	17.0	O
	8.94	29.47	18.2	W
	8.95	29.39	18.0	W
	8.96	29.44	17.6	W
	12.05	29.42	18.7	O
	12.91	29.39	20.6	O
310	2.85	2.90	35.9	O
	5.80	2.92	35.8	O
	5.88	2.88	35.9	O
	5.88	2.86	35.8	O
	5.97	2.97	35.3	W
	13.10	2.85	35.7	W
311	5.94	16.59	44.1	O
	12.91	16.65	45.1	O
	13.10	16.70	44.8	W
	13.66	16.66	44.7	W
	13.68	16.69	44.0	W
	13.85	16.64	44.5	O
312	5.94	34.49	32.0	O
	8.94	34.49	32.8	W
	8.95	34.54	32.4	W
	11.84	34.52	(35.5)	W
	12.05	34.51	32.9	O
	13.04	34.50	32.7	O
313	8.86	54.97	11.6	W
	12.79	54.95	11.4	O
	13.10	54.93	11.6	W
	13.80	54.97	11.9	W
	13.85	54.91	10.9	O
	13.86	54.92	10.4	O
314	5.80	58h13	33°9	O
	13.10	58.07	35.3	W
	13.87	58.11	34.4	O
	13.91	58.14	34.6	O
	13.97	58.10	35.6	W
	14.01	58.08	35.1	W
315	13.66	9.22	6.4	W
	13.68	9.18	5.3	W
	13.85	9.17	6.0	O
	13.85	9.18	5.4	O
	13.92	9.21	4.7	O
	14.01	9.22	5.3	W
316	3.03	13.29	11.6	O
	4.86	13.26	10.9	W
	4.90	13.25	11.4	W
	4.94	13.27	12.3	W
	5.01	13.22	11.1	O
	5.02	13.21	10.8	O
317	8.95	40.09	39.7	W
	12.03	40.10	39.8	O
	12.84	40.08	39.1	O
	12.91	40.11	39.0	O
	13.80	40.13	39.8	W
	14.01	40.06	39.2	W
318	2.09	44.53	51.9	O
	2.10	44.52	51.9	O
	2.11	44.59	51.4	O
	4.96	44.61	52.1	W
	5.97	44.61	53.0	W
	13.10	44.72	53.0	W
319	2.85	27.75	28.6	O
	5.02	27.79	29.4	O
	5.80	27.85	29.3	O
	5.88	27.78	28.8	O
	11.85	27.89	(32.0)	W
	12.99	27.89	28.5	W
320	3.01	27.86	28.8	O
	3.03	27.88	28.6	O
	5.01	27.86	29.3	O
	5.97	27.91	29.3	W
	11.85	27.86	29.7	W
	13.10	27.80	30.1	W
321	5.92	43.50	55.3	O
	5.94	(43.77)	56.1	O
	8.95	43.59	56.2	W
	8.95	43.57	56.7	W
	8.96	43.58	56.0	W
	12.05	43.61	56.4	O
322	11.85	1h07	31°4	W
	11.85	1.00	32.2	W
	11.85	2.06	33.6	W
	12.03	1.03	33.4	O
	12.05	1.06	32.9	O
	12.91	1.06	32.2	O
323	5.92	34.45	41.6	O
	5.94	34.47	41.5	O
	8.93	34.41	44.5	W
	8.93	34.39	45.7	W
	11.11	34.37	46.4	W
	12.05	34.34	46.0	O
324	8.96	40.53	7.9	W
	11.11	40.52	8.0	W
	11.84	40.61	8.6	W
	11.84	40.57	7.6	W
	13.85	40.53	7.5	O
	13.85	40.51	6.9	O
325	12.02	46.39	27.0	O
	12.99	46.38	25.7	W
	13.04	46.36	27.4	O
	13.10	46.38	26.8	W
	13.10	46.37	27.6	W
	13.86	46.38	27.2	O
326	5.88	51.87	37.0	O
	5.94	51.90	36.8	O
	11.10	51.88	38.0	W
	11.11	51.89	37.8	W
	12.10	51.82	38.0	W
	13.87	51.84	37.5	O
327	2.09	11.30	33.0	O
	2.10	11.28	33.2	O
	2.11	11.32	33.3	O
	3.08	11.31	33.7	W
	4.86	11.30	33.6	W
	5.97	11.26	33.1	W
328	12.91	49.07	21.7	O
	12.99	49.03	20.5	W
	13.04	49.04	20.4	O
	13.10	49.12	22.0	W
	13.10	49.06	21.1	W
	13.85	48.98	22.1	O
	13.85	49.03	22.6	O
329	2.85	35.72	42.0	O
	3.01	35.70	42.2	O
	3.02	35.74	41.9	O
	3.03	35.72	42.2	O
	5.01	35.70	42.3	O
	5.02	35.74	42.5	O
	5.02	—	41.6	O
	11.85	35.73	41.8	W
	11.85	35.67	42.8	W
330	8.95	15h87	51°9	W
	8.96	15.83	50.8	W
	11.11	15.82	52.1	W
	12.03	15.84	52.4	O
	12.05	15.88	52.0	O
	12.84	15.90	52.5	O
332	11.11	10.38	60.3	W
	11.11	10.33	60.5	W
	11.85	10.34	59.0	W
	13.04	10.31	59.8	O
	13.85	10.31	60.6	O
	13.86	10.32	60.7	O
333	2.09	27.38	25.5	O
	2.10	27.41	24.6	O
	2.11	27.38	24.7	O
	3.08	27.38	25.0	W
	4.86	27.38	25.2	W
	12.99	27.38	26.3	W
334	2.85	9.35	23.3	O
	3.01	9.41	23.3	O
	3.02	9.39	23.4	O
	11.84	9.41	23.5	W
	11.85	9.48	24.3	W
	12.03	9.42	21.5	O
335	8.95	52.47	45.3	W
	13.10	52.44	44.8	W
	13.10	52.46	45.1	W
	13.82	52.37	45.2	O
	13.85	52.43	45.9	O
	13.85	52.43	45.3	O
336	5.88	55.88	53.9	O
337	3.03	38.29	56.5	O
	5.88	38.28	56.5	O
	5.88	38.31	56.2	O
	5.97	38.30	57.3	W
	12.99	38.27	56.8	W
	13.10	38.31	57.5	W
338	8.96	5.77	50.0	W
	11.11	5.79	49.9	W
	11.85	5.75	49.2	W
	12.05	5.67	49.2	O
	12.91	5.67	49.1	O
	13.04	5.62	48.3	O
339	5.92	15.46	10.5	O
	5.94	15.53	10.2	O
	8.94	15.55	9.5	W
	8.95	15.50	8.2	W
	11.10	15.51	9.5	W
	12.05	15.45	10.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
340	5.88	51ʰ59ᵐ	25°1	O
	5.88	51.60	24.8	O
	11.11	51.65	26.0	W
	11.84	51.63	25.3	W
	11.85	51.55	25.9	W
	12.03	51.61	26.0	O
341	2.85	22.99	46.5	O
	3.10	22.97	46.7	O
	3.10	22.98	46.6	O
	4.86	22.99	46.8	W
	4.90	23.01	45.9	W
	13.10	23.00	46.0	W
342	5.88	30.20	27.2	O
	5.88	30.16	26.7	O
	5.88	30.14	26.5	O
	8.95	30.08	26.9	W
	8.95	30.17	27.2	W
	11.11	30.15	27.7	W
343	2.09	15.66	13.3	O
	2.09	15.64	12.1	O
	2.10	15.64	13.7	O
	3.07	15.63	11.8	W
	3.08	15.61	11.9	W
	3.97	15.62	10.3	W
344	2.11	12.15	15.2	O
	2.11	12.17	15.5	O
	2.85	12.18	15.0	O
	12.99	12.19	15.7	W
	13.10	12.18	15.9	W
	13.10	12.17	15.8	W
345	11.10	48.43	41.0	W
	11.11	48.42	40.2	W
	11.11	48.39	41.4	W
	11.97	48.41	42.2	O
	12.05	48.37	42.2	O
	12.05	48.32	42.1	O
346	4.86	0.63	25.1	W
	4.90	0.64	25.8	W
	5.88	0.68	25.0	O
	5.88	0.62	24.8	O
	12.91	0.60	23.5	O
	14.01	0.54	27.1	W
347	5.92	7.08	1.7	O
	5.94	7.06	1.0	O
	5.94	7.02	1.0	O
	8.96	7.07	1.1	W
	11.10	6.98	1.0	W
	11.12	7.02	0.8	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
348	3.01	19ʰ7ᵐ	4°0	O
	3.02	19.68	3.8	O
	3.03	19.70	4.6	O
	5.88	19.70	4.5	O
	5.97	19.69	4.2	W
	13.10	19.70	3.9	W
349	8.95	35.22	44.4	W
	8.95	35.23	44.5	W
	11.11	35.19	45.7	W
	13.04	35.28	45.1	O
	13.86	35.30	45.5	O
	13.91	35.29	45.5	O
350	5.88	7.77	55.8	O
	5.88	7.84	56.6	O
	12.99	7.81	56.0	W
	13.13	7.83	57.1	W
	13.66	7.82	56.9	W
	13.85	7.78	57.6	O
351	13.10	10.04	58.2	W
	13.10	9.97	57.8	W
	13.68	10.01	58.1	W
	13.82	10.06	58.5	O
	13.85	10.01	57.4	O
	13.85	10.03	57.1	O
352	8.93	23.41	7.1	W
	11.84	23.37	7.5	W
	11.85	23.36	7.9	W
	13.86	23.36	6.8	O
	13.87	23.40	7.0	O
	13.92	23.38	7.6	O
353	2.09	23.95	41.8	O
	2.09	23.94	42.0	O
	2.10	23.93	42.0	O
	3.08	23.99	42.5	W
	13.97	24.03	43.7	W
	14.01	23.99	43.5	W
354	13.82	35.48	13.4	O
	13.85	35.41	13.7	O
	13.91	35.49	12.8	O
	14.01	35.49	13.1	W
	14.06	35.45	12.8	W
	14.07	35.56	13.7	W
355	12.91	46.14	1.1	O
	13.80	46.13	2.7	W
	13.85	46.12	2.9	O
	13.85	46.17	2.4	O
	14.01	46.15	2.7	W
	14.07	46.11	2.5	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
356	5.92	11ʰ59ᵐ	58°4	O
	5.94	11.54	59.3	O
	8.96	11.62	58.7	W
	11.11	11.61	59.5	W
	11.11	11.51	59.3	W
	11.97	11.52	59.4	O
357	5.88	11.75	52.9	O
	5.88	11.76	53.0	O
	13.10	11.93	55.2	W
	13.66	11.94	56.1	W
	13.68	11.88	56.1	W
	13.87	11.91	54.2	O
358	2.11	48.11	27.1	O
	3.01	48.09	26.7	O
	3.02	48.09	27.1	O
	13.10	47.95	28.5	W
359	3.03	0.91	61.1	O
	3.07	0.92	60.6	W
	5.88	0.93	59.4	O
	13.04	0.81	61.5	O
	13.10	0.84	—	W
	13.97	0.80	62.6	W
	14.01	0.72	61.9	W
360	4.86	10.03	1.4	W
	5.88	10.03	0.3	O
	12.99	9.99	1.6	W
	13.86	9.98	2.2	O
	13.92	10.02	1.8	O
	14.01	9.96	2.0	W
361	5.94	15.64	24.6	O
	8.95	15.56	25.9	W
	11.10	15.59	26.6	W
	11.84	15.59	25.3	W
	11.97	15.61	26.7	O
	12.05	15.63	25.4	O
362	2.01	45.76	43.2	O
	3.08	43.75	43.8	W
	5.88	45.71	43.0	O
	5.88	45.70	43.6	O
	13.10	45.68	43.5	W
	13.10	45.65	43.5	W
363	12.91	49.10	2.2	O
	13.68	49.02	4.6	W
	13.85	49.03	4.4	O
	13.85	49.01	2.9	O
	14.06	49.04	5.2	W
	14.07	49.07	5.4	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
364	5.88	2ʰ7ᵐ	38°4	O
	12.91	2.78	—	O
	13.04	2.76	37.1	O
	13.13	2.77	38.2	W
	13.80	2.75	40.0	W
	13.82	2.76	37.7	O
	14.01	2.74	38.7	W
366	5.88	18.97	34.2	O
	5.94	18.98	35.5	O
	8.96	19.02	36.3	W
	12.99	19.04	35.3	W
	13.66	19.01	38.0	W
	13.87	19.04	35.1	O
367	3.08	15.30	—	W
	5.88	15.27	18.0	O
	5.88	15.31	18.3	O
	5.88	15.28	16.7	O
	13.10	15.25	19.1	W
	13.13	15.29	19.2	W
	13.68	15.26	19.3	W
368	5.94	20.17	36.5	O
	5.94	20.11	35.3	O
	8.95	20.14	36.6	W
	8.95	20.16	35.2	W
	11.11	20.14	36.1	W
	12.05	20.17	35.8	O
369	8.95	26.91	57.3	W
	11.11	26.87	58.3	W
	11.11	26.96	55.9	W
	11.84	26.79	—	W
	11.97	26.85	59.0	O
	12.91	26.89	57.1	O
	13.04	—	58.5	O
370	3.01	27.51	4.3	O
	3.02	27.47	4.4	O
	3.03	27.35	4.2	O
	4.86	27.46	4.5	W
	4.90	27.50	4.7	W
	12.99	27.45	4.3	W
371	2.09	0.28	36.9	O
	2.09	0.28	—	O
	2.10	0.31	37.2	O
	5.97	0.25	37.8	W
	13.10	0.33	37.7	W
	13.66	0.28	38.6	W
	13.80	0.29	38.5	W
	13.82	0.32	36.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
373	5.88	12ʰ38	60°9	O
	5.88	12.40	60.3	O
	13.04	12.35	59.0	O
	13.10	12.34	61.8	W
	13.10	12.35	61.3	W
	13.13	12.32	61.2	W
374	13.68	16.25	16.0	W
	13.85	16.24	16.4	O
	13.85	16.28	15.5	O
	13.86	16.31	16.4	O
	13.97	16.29	16.9	W
	14.01	16.25	15.8	W
375	11.07	24.91	5.8	W
	11.84	24.97	7.2	W
	12.91	25.01	—	O
	13.87	24.96	7.1	O
	13.88	24.92	7.2	O
	13.92	24.96	7.4	O
	14.01	24.96	8.9	W
376	2.11	43.78	10.0	O
	2.11	43.80	19.5	O
	2.13	43.78	20.0	O
	3.07	43.84	20.2	W
	3.08	43.84	19.6	W
	13.02	43.85	19.8	W
377	5.88	6.34	49.3	O
	12.99	6.30	49.8	W
	13.80	6.28	50.8	W
	13.85	6.30	48.5	O
	13.85	6.28	49.0	O
	14.01	6.29	50.0	W
378	3.01	41.01	20.5	O
	3.02	40.93	29.2	O
	3.03	40.96	29.3	O
	5.88	40.94	29.4	O
	13.10	40.97	31.2	W
	13.97	41.00	30.4	W
379	5.88	48.96	20.7	O
	5.94	48.99	21.0	O
	8.95	48.98	22.3	W
	8.95	49.08	21.8	W
	13.10	49.04	21.2	W
	13.85	49.02	21.0	O
380	8.95	13.64	56.0	W
	11.11	13.69	56.2	W
	11.11	13.63	56.6	W
	11.97	13.68	56.6	O
	12.05	13.67	56.0	O
	12.05	13.66	56.6	O
381	2.11	33ʰ58	44°0	O
	2.11	33.58	44.1	O
	2.13	33.59	44.3	O
	4.86	33.54	44.9	W
	4.90	33.51	45.0	W
	5.97	33.51	44.1	W
382	5.94	—	33.8	O
	11.11	38.16	34.8	W
	11.84	38.22	35.7	W
	13.04	38.13	33.0	O
	13.10	38.12	35.2	W
	13.82	38.18	34.3	O
	13.86	38.15	35.0	O
383	2.09	40.49	8.1	O
	2.09	40.50	8.3	O
	2.10	40.50	8.5	O
	3.07	40.51	9.7	W
	3.08	40.46	9.4	W
	13.02	40.48	7.2	W
384	11.10	—	5.2	W
	12.91	4.10	3.3	O
	13.10	4.10	4.9	W
	13.13	4.05	4.3	W
	13.85	4.10	3.8	O
	13.87	4.04	4.2	O
386	5.94	31.64	49.8	O
	8.95	31.50	51.7	W
	13.85	31.49	50.9	O
	13.85	31.49	51.1	O
	14.01	31.47	51.9	W
	14.01	31.43	52.6	W
387	3.01	38.34	31.0	O
	3.02	38.36	31.1	O
	3.03	38.41	31.1	O
	13.10	38.29	33.0	W
	13.97	38.19	31.9	W
	14.01	38.22	33.3	W
388	11.11	45.06	45.1	W
	11.11	45.11	43.4	W
	13.13	45.01	44.5	W
	13.82	45.01	44.0	O
	13.91	45.02	45.0	O
	13.92	45.08	44.8	O
389	5.88	46.01	48.9	O
	5.88	45.98	49.5	O
	5.88	45.93	49.2	O
	5.97	45.92	50.2	W
	13.02	46.10	48.3	W
	13.10	46.08	49.9	W
390	11.10	5ʰ.95	58°.0	W
	11.11	5.87	58.9	W
	11.85	5.88	58.4	W
	12.05	5.97	58.4	O
	12.05	5.93	59.0	O
	12.91	5.93	57.3	O
391	5.94	21.64	49.6	O
	8.92	—	49.7	W
	8.95	21.62	51.0	W
	8.95	21.66	50.3	W
	12.92	21.62	50.4	O
	12.99	21.62	50.2	W
	13.04	21.63	49.3	O
392	3.01	6.32	60.6	O
	3.02	6.30	60.5	O
	3.03	6.34	60.2	O
	3.07	6.29	60.8	W
	3.08	6.28	60.7	W
	4.86	6.29	59.8	W
	4.90	6.27	59.3	W
	4.95	6.22	60.1	W
393	5.97	10.87	50.6	W
	8.95	10.87	51.2	W
	8.95	10.81	49.7	W
	8.96	10.86	50.3	W
	12.05	10.83	51.8	O
	12.91	10.84	50.3	O
394	5.94	27.06	46.1	O
	8.92	—	46.2	W
	8.95	27.08	46.4	W
	8.96	27.08	46.0	W
	12.05	27.09	45.8	O
	12.92	27.17	46.9	O
	12.97	27.11	—	W
395	2.09	57.56	29.4	O
	2.09	57.52	28.9	O
	2.10	57.60	29.2	O
	3.07	57.53	30.1	W
	3.08	57.57	29.8	W
	4.90	57.54	30.0	W
	4.95	57.56	27.3)	W
	5.01	57.61	29.3	O
	5.02	57.62	30.6	O
	5.88	57.51	3.02	O
	5.97	57.56	30.0	W
	11.85	57.56	30.9	W
396	5.88	42.67	19.8	O
	12.91	42.67	20.2	O
	12.97	42.71	21.7	W
	12.99	42.69	21.8	W
	13.02	42.67	19.4	O
	13.03	42.62	21.0	O
397	5.94	49ʰ89	13°8	O
	8.95	49.89	11.9	W
	8.96	49.87	12.1	W
	8.96	49.91	12.0	W
	12.05	49.90	12.0	O
	12.92	49.83	12.6	O
398	2.11	58.44	2.3	O
	2.11	58.39	1.9	O
	2.13	58.37	2.5	O
	13.14	58.57	6.0	W
	13.97	58.57	6.5	W
	14.01	58.52	6.3	W
399	3.01	2.51	26.2	O
	3.02	2.56	26.4	O
	3.03	2.47	26.1	O
	13.10	2.48	27.1	W
	13.10	2.48	26.6	W
	13.13	2.47	27.2	W
400	11.11	34.29	17.7	W
	11.11	34.28	17.3	W
	11.11	34.25	17.6	W
	13.86	34.26	17.8	O
	13.87	34.26	17.9	O
	13.91	34.27	17.5	O
401	11.07	34.77	13.2	W
	11.10	34.76	13.2	W
	11.10	34.78	13.8	W
	12.05	34.79	13.2	O
	13.03	34.74	13.4	O
	13.85	34.76	12.5	O
402	4.90	—	26.0	W
	4.91	1.84	28.1	W
	5.88	1.95	27.0	O
	12.91	1.87	28.1	O
	12.97	1.91	28.6	W
	13.00	1.95	—	W
	13.82	1.87	28.7	O
403	5.88	21.22	40.3	O
	5.97	21.19	41.7	W
	5.99	21.18	41.8	W
	13.02	21.17	40.2	W
	13.85	21.13	40.3	O
	13.92	21.17	39.8	O
404	5.94	38.09	0.5	O
	8.95	38.02	0.3	W
	8.96	38.05	2.4	W
	11.12	37.99	0.9	W
	12.05	38.03	2.0	O
	12.92	38.00	2.8	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
405	3.01	38ᵐ80	40ˢ1	O
	3.02	38.82	39.9	O
	3.03	38.80	40.2	O
	3.07	38.75	40.2	W
	3.08	38.82	40.6	W
	13.13	38.77	41.4	W
406	2.11	39.53	3.7	O
	2.11	39.52	3.6	O
	5.88	39.55	3.6	O
	13.10	39.57	4.1	W
	13.14	39.60	4.6	W
	13.97	39.56	5.2	W
407	11.85	9.89	50.1	O
	13.01	9.93	49.7	W
	13.03	9.89	50.5	O
	13.10	9.89	49.7	W
	13.85	9.90	49.8	O
	13.86	9.90	51.0	O
408	5.01	0.69	28.4	O
	5.02	0.72	29.1	O
	5.88	0.68	28.7	O
	5.88	0.74	29.1	O
	5.97	0.66	28.7	W
	12.99	0.70	30.0	W
409	5.94	5.18	12.5	O
	8.92	—	10.8	W
	8.96	5.12	11.5	W
	12.05	5.16	11.6	O
	12.92	5.12	11.1	O
	13.02	5.12	9.8	W
	13.10	5.17	10.0	W
410	8.95	26.90	9.4	W
	11.07	26.84	11.3	W
	11.10	26.86	11.3	W
	11.10	26.84	12.7	W
	12.05	26.86	10.9	O
	13.03	26.81	11.8	O
411	2.11	30.49	46.8	O
	2.11	30.48	46.8	O
	2.13	30.46	46.9	O
	3.07	30.46	47.0	W
	3.08	30.43	46.8	W
	4.86	30.47	46.5	W
	4.90	30.43	46.9	W
	4.91	30.49	46.6	W
	4.95	30.43	45.8	W
412	3.01	19.52	48.5	O
	3.02	19.53	48.6	O
	3.03	19.49	48.7	O
	5.88	19.40	48.5	O
	5.97	19.47	48.1	W
	12.97	19.43	49.1	W
413	8.92	—	42ˢ7	W
	8.95	0ˢ58	—	W
	8.96	0.57	42.8	W
	11.14	0.50	—	O
	12.05	0.55	41.8	O
	12.92	0.57	42.5	O
	13.01	0.55	42.8	W
	13.82	—	44.0	O
414	8.96	17.37	29.2	W
	11.11	17.37	28.9	W
	11.11	17.34	28.8	W
	13.85	17.38	29.2	O
	13.85	17.41	29.5	O
	13.85	17.41	29.8	O
415	11.12	39.49	19.9	W
	11.85	39.44	20.3	W
	12.99	39.43	21.8	W
	13.03	39.46	21.2	O
	13.86	39.50	20.5	O
	13.92	39.43	19.9	O
416	2.09	54.90	29.1	O
	2.09	54.89	—	O
	2.10	54.92	29.0	O
	5.02	54.88	29.7	O
	5.02	—	28.7	O
	5.07	54.98	29.2	W
	13.10	54.85	30.8	W
	13.97	54.87	29.5	W
417	11.07	52.76	39.5	W
	11.10	52.82	39.6	W
	13.85	52.80	38.0	O
	13.87	52.85	39.3	O
	13.91	52.82	37.9	O
	14.01	52.75	39.1	W
419	3.01	0.78	55.3	O
	3.02	0.77	55.0	O
	3.03	0.77	55.4	O
	4.86	0.75	55.1	W
	4.90	0.77	55.1	W
	4.91	0.80	54.6	W
	4.95	0.73	54.3	W
420	12.99	32.99	1.6	W
	13.03	33.02	1.8	O
	13.85	33.05	1.4	O
	13.92	32.98	1.0	O
	13.97	33.05	1.9	W
	14.01	33.01	2.0	W
	14.01	32.99	1.6	W
421	13.01	34.55	38.8	W
	13.13	34.54	39.1	W
	13.82	34.58	38.4	O
	13.85	34.57	38.7	O
	13.86	34.56	38.7	O
422	5.88	43ᵐ49	59ˢ6	O
	11.11	43.48	60.0	W
	11.11	43.52	59.6	W
	11.11	43.50	61.1	W
	12.05	43.50	59.4	O
	13.87	43.45	60.1	O
423	2.11	3.02	49.4	O
	2.11	2.99	49.4	O
	2.13	3.02	49.6	O
	3.07	3.01	48.9	W
	3.08	3.02	49.5	W
	5.05	3.06	49.7	W
424	12.97	4.13	6.1	W
	13.02	4.09	5.8	W
	13.10	4.08	6.4	W
	13.85	4.09	4.9	O
	13.86	4.10	5.5	O
	13.91	4.15	4.7	O
425	2.09	0.02	22.6	O
	2.09	0.06	22.9	O
	2.10	0.14	22.5	O
	4.86	0.08	22.1	W
	4.90	0.06	22.3	W
	4.91	0.02	22.1	W
	4.95	0.07	—	W
	5.02	0.05	22.8	O
	5.02	—	22.8	O
	5.07	0.03	22.4	W
426	5.92	13.11	14.2	O
	5.94	13.19	14.2	O
	8.86	12.72	23.8	W
	8.92	—	23.8	W
	8.95	12.70	23.6	W
	11.13	12.36	32.5	O
	13.14	12.10	38.3	W
427	2.11	54.36	47.8	O
	2.11	54.35	47.2	O
	2.13	54.41	47.7	O
	3.07	54.23	26.9	W
	3.08	54.40	28.2	W
	5.05	54.32	28.5	W
428	8.95	56.56	37.7	W
	8.96	56.52	36.5	W
	8.96	56.54	37.3	W
	11.14	56.55	38.3	O
	11.14	56.54	38.2	O
	12.03	56.51	38.0	O
429	5.92	30.11	11.6	O
	5.94	30.09	10.9	O
	8.86	30.10	11.8	W
	8.92	—	12.5	W
	8.95	30.10	11.7	W
	11.13	30.09	11.5	O
	12.97	30.06	—	W
430	4.86	43ᵐ49	36ˢ0	W
	4.90	43.51	36.8	W
	4.91	43.46	36.3	W
	4.95	43.49	36.2	W
	5.01	43.47	35.6	O
	5.02	43.47	35.1	O
	5.88	43.42	35.4	O
431	5.97	45.66	24.0	W
	8.95	45.65	23.5	W
	11.10	45.62	24.0	W
	12.03	45.66	25.8	O
	12.05	45.61	25.1	O
	12.91	45.56	25.3	O
432	2.11	54.40	47.3	O
	2.11	54.35	47.4	O
	2.13	54.39	47.0	O
	3.07	54.36	47.4	W
	3.08	54.35	47.7	W
	5.05	54.38	47.6	W
433	2.09	11.58	16.7	O
	2.09	11.57	17.0	O
	2.10	11.58	17.3	O
	5.06	11.56	17.9	W
	5.07	11.60	17.4	W
	5.07	11.54	17.7	W
434	8.96	14.71	29.9	W
	8.96	14.73	30.5	W
	11.10	14.70	28.8	W
	11.14	14.75	29.7	O
	11.14	14.75	30.4	O
	12.92	14.73	—	O
	13.03	—	30.2	O
	13.95	14.76	31.2	O
435	11.07	22.68	21.2	W
	11.11	22.74	21.1	W
	11.11	22.73	21.8	W
	11.15	22.77	23.2	O
	13.85	22.81	22.9	O
	13.85	22.76	22.1	O
436	11.12	32.40	54.6	W
	12.97	32.42	55.8	W
	12.99	32.42	55.2	W
	13.85	32.37	55.6	O
	13.86	32.45	55.8	O
	13.87	32.42	55.9	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
438	13.03	6ʰ90	12″5	O
	13.10	6.92	1.6	W
	13.13	6.93	1.0	W
	13.14	6.83	—	W
	13.91	6.86	2.0	O
	13.92	6.89	0.1	O
	13.97	6.91	0.5	W
439	8.92	—	43.0	W
	12.92	14.40	43.4	O
	13.82	14.33	44.0	O
	13.93	14.43	42.8	O
	14.01	14.38	42.4	W
	14.01	14.36	42.3	W
	14.12	14.36	43.1	O
440	13.85	43.34	13.7	O
	13.85	43.29	13.9	O
	13.85	43.28	14.3	O
	14.01	43.30	14.4	W
	14.06	43.26	—	W
	14.07	43.30	14.6	W
	14.07	43.30	14.7	W
441	5.05	51.49	39.2	W
	8.06	51.52	40.3	W
	8.92	51.53	39.4	O
	12.91	51.49	38.5	O
	13.01	51.49	41.5	W
	13.86	51.47	39.3	O
442	8.86	9.20	50.1	W
	8.95	9.24	49.3	W
	12.99	9.21	50.3	W
	13.87	9.25	50.1	O
	13.91	9.23	50.6	O
	13.94	9.22	51.1	O
443	8.95	48.65	45.8	W
	11.10	48.66	45.7	W
	11.11	48.69	44.8	W
	11.97	48.66	46.3	O
	13.85	48.69	45.3	O
	13.95	48.69	45.7	O
444	11.12	9.53	38.8	W
	13.02	9.59	38.3	W
	13.03	9.52	39.7	O
	13.10	9.49	39.4	W
	13.82	9.56	38.9	O
	13.85	9.47	39.1	O
	13.85	9.56	38.4	O
446	8.86	53.26	19.3	W
	8.95	53.31	18.7	W
	11.97	(53.36)	19.4	O
	12.92	53.27	18.0	O
	12.99	53.18	19.0	W
	13.02	53.31	18.6	O
	13.10	53.24	19.2	W
	13.86	53.23	18.7	O
447	5.97	57ʰ21	15″8	W
	12.03	57.16	17.3	O
	13.13	57.12	17.3	W
	13.87	57.17	16.8	O
	13.92	57.15	16.7	O
	13.93	57.15	17.5	O
	14.01	57.09	18.2	W
448	2.09	5.27	44.1	O
	2.09	5.26	43.4	O
	2.11	5.26	43.3	O
	3.07	5.28	43.8	W
	3.08	5.23	44.8	W
	5.05	5.27	44.5	W
449	3.02	8.89	3.3	O
	3.03	8.89	3.3	O
	4.86	8.85	4.3	W
	4.90	8.87	3.3	W
	4.91	8.89	3.9	W
	4.95	8.88	4.1	W
	5.92	8.89	3.6	O
450	13.01	9.86	33.2	W
	13.82	9.83	31.7	O
	13.85	9.89	31.2	O
	13.91	9.89	32.0	O
	13.97	9.80	32.4	W
	14.01	9.88	31.8	W
451	13.85	15.00	44.9	O
	13.85	14.90	44.5	O
	13.94	14.96	43.5	O
	14.07	14.90	44.0	W
	14.07	14.93	44.5	W
	14.10	15.00	45.2	W
	14.12	14.94	44.0	O
452	13.87	17.96	16.4	O
	13.93	17.93	15.1	O
	13.95	18.00	15.0	O
	13.97	17.93	16.6	W
	14.01	17.97	16.0	W
	14.06	17.97	15.6	W
453	2.11	50.75	37.6	O
	2.13	50.80	37.6	O
	3.01	50.72	37.4	O
	5.06	50.71	36.7	W
	5.07	50.72	37.9	W
	5.07	50.71	37.0	W
454	11.10	10.00	58.6	W
	11.19	9.88	58.8	W
	11.14	10.02	58.2	O
	11.14	10.04	59.2	O
	14.01	9.93	59.9	W
455	11.07	18ʰ36:	12″3	W
	11.12	18.19	12.0	W
	13.82	18.19	13.0	O
	13.85	18.28	13.7	O
	13.85	18.20	12.9	O
	14.01	18.20	13.4	W
456	8.96	19.25	52.2	W
	11.11	19.20	52.0	W
	11.11	19.22	52.4	W
	12.91	19.24	52.3	O
	13.91	19.14	51.7	O
	13.93	19.21	52.4	O
457	11.15	24.53	53.2	O
	12.97	24.53	51.0	W
	13.03	24.56	54.2	O
	13.85	24.61	53.2	O
	14.07	24.49	52.0	W
	14.07	24.51	51.6	W
458	5.92	56.69	28.3	O
	5.94	56.77	27.3	O
	8.95	56.69	28.3	W
	11.13	56.67	29.2	O
	13.02	56.64	28.4	W
	13.10	56.64	29.1	W
459	3.01	54.10	14.0	O
	3.02	54.12	14.1	O
	3.03	54.11	13.8	O
	3.07	54.10	14.7	W
	4.90	54.06	14.4	W
	4.91	54.11	14.9	W
	5.02	54.13	13.7	O
	5.07	54.13	—	W
460	8.86	56.20	56.9	W
	8.96	56.16	54.3	W
	11.11	56.30	57.3	W
	11.97	56.23	55.2	O
	12.92	56.12	54.4	O
	13.86	56.19	56.2	O
461	8.96	16.77	20.7	W
	11.07	16.75	20.0	W
	11.11	16.73	20.5	W
	11.14	16.72	20.3	O
	11.14	16.75	19.4	O
	12.03	16.74	19.8	O
462	5.01	28.35	50.8	O
	5.02	28.35	50.2	O
	5.05	28.41	50.6	W
	5.06	28.40	51.3	W
	5.92	28.42	49.1	O
463	5.07	7ʰ04	36″3	W
	5.08	7.03	36.3	W
	5.11	7.09	35.7	W
	5.92	7.11	34.9	O
	12.91	7.07	37.1	O
	13.02	7.00	35.9	O
464	5.94	36.06	57.0	O
	8.95	36.04	58.8	W
	8.95	36.00	58.8	W
	11.10	36.06	58.1	W
	11.13	36.05	58.4	O
	11.15	36.02	59.0	O
465	11.10	47.19	44.6	W
	11.11	47.24	45.0	W
	11.12	47.18	44.4	W
	13.03	47.17	46.9	O
	13.82	47.13	44.0	O
	13.85	47.16	45.9	O
466	5.07	10.06	20.0	W
	5.97	10.07	20.1	W
	11.92	9.97	19.6	O
	11.97	9.96	19.4	W
	13.85	9.93	19.8	O
	13.85	9.98	20.3	O
468	8.86	31.95	4.9	W
	11.97	31.88	3.7	O
	13.01	31.88	5.0	W
	13.13	31.89	5.5:	W
	13.86	31.88	3.9	O
	13.87	31.95	4.4	O
469	8.96	55.75	24.0	W
	11.11	55.75	23.2	W
	13.10	55.68	24.9	W
	13.91	55.68	23.4	O
	13.93	55.67	23.6	O
	13.94	55.63	23.3	O
470	4.90	7.29	37.4	W
	4.91	7.24	36.3	W
	5.06	7.24	37.4	W
	13.03	7.32	37.3	O
	13.85	7.26	—	O
	13.85	7.30	37.0	O
	13.85	—	38.0	O
471	5.01	5.71	50.6	O
	5.02	5.70	51.5	O
	5.05	5.74	50.9	W
	5.06	5.74	51.0	W
	5.07	5.72	51.9	W
	5.92	5.63:	51.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
472	8.96	6ʰ66	44°4	W
	11.11	6.68	43.4	W
	11.14	6.65	43.3	O
	11.14	6.72	42.9	O
	12.03	6.71	43.6	O
	12.99	6.66	43.8	W
473	8.95	10.64	15.2	W
	8.95	10.51	15.7	W
	11.15	10.68	16.9	O
	11.16	10.55	16.3	O
	13.01	10.63	16.4	W
	13.02	10.59	15.9	O
474	5.94	19.31	21.2	O
	11.07	19.32	22.9	W
	11.10	19.29	21.9	W
	11.11	19.32	22.2	W
	13.86	19.23	22.2	O
	13.92	19.29	20.4	O
475	11.12	33.09	11.2	W
	11.13	33.08	13.0	O
	11.15	33.06	12.6	O
	13.10	33.01	12.9	W
	13.13	33.09	11.3	W
	13.87	33.03	11.9	O
476	8.86	52.90	0.9	W
	12.92	52.96	1.7	O
	13.02	52.90	1.9	W
	13.91	52.89	2.0	O
	13.94	52.93	1.9	O
	13.97	52.96	1.7	W
477	13.82	3.83	58.7	O
	13.85	3.89	60.8	O
	13.85	3.84	60.2	O
	14.01	3.81	61.1	W
	14.01	3.82	60.8	W
	14.01	3.84	61.4	W
478	11.10	55.13	44.5	W
	13.01	54.99	45.2	W
	13.03	55.06	44.3	O
	13.85	55.09	44.4	O
	13.86	55.06	43.7	O
	14.07	55.06	43.7	W
479	12.91	29.46	22.9	O
	13.10	29.47	23.6	W
	13.10	29.39	22.5	W
	13.13	29.48	23.9	W
	13.92	29.44	21.9	O
	13.93	29.46	22.9	O
480	5.05	32ʰ60	15°3	W
	5.08	32.52	17.6	W
	13.14	32.48	14.7	W
	13.85	32.56	15.4	O
	13.87	32.52	16.1	O
	13.91	32.51	15.6	O
482	5.01	3.96	37.5	O
	5.02	3.94	38.1	O
	5.02	3.95	37.7	O
	5.05	3.92	38.9	W
	5.06	3.90	38.8	W
	5.11	3.94	39.3	W
483	5.92	11.35	4.6	O
	12.99	11.40	4.3	W
	13.01	11.38	4.6	W
	13.02	11.32	4.2	O
	13.03	11.32	3.8	O
	13.10	11.36	3.9	W
484	5.94	39.61	32.5	O
	8.86	39.54	32.7	W
	8.93	39.58	32.3	W
	8.96	39.61	32.5	W
	11.14	39.64	32.2	O
	11.15	39.61	32.2	O
485	3.01	50.78	2.5	O
	3.02	50.82	2.7	O
	3.03	50.83	3.0	O
	4.90	50.83	2.2	W
	4.91	50.89	2.4	W
	4.95	50.82	2.0	W
	4.95	50.79	2.4	W
486	2.11	11.83	8.7	O
	3.03	11.83	8.5	O
	3.08	11.82	9.4	W
	5.05	11.82	9.1	W
	5.06	11.78	9.2	W
	5.92	11.82	9.2	O
487	5.02	23.98	49.4	O
	5.02	23.99	48.0	O
	5.05	24.11	49.6	W
	5.06	24.07	49.7	W
	5.07	24.09	—	W
	5.11	24.13	49.6	W
	5.92	24.04	49.8	O
488	5.05	27.06	53.0	W
	5.07	26.98	52.6	W
	5.08	27.06	54.1	W
	5.92	27.11	54.5	O
	12.86	27.04	54.1	O
	12.92	27.00	53.1	O
489	8.95	43ʰ44	38°3	W
	11.07	43.42	39.2	W
	11.08	43.33	39.2	W
	11.13	43.43	40.0	O
	11.14	43.39	40.1	O
	11.15	43.44	39.7	O
490	2.09	17.20	23.1	O
	2.10	17.16	22.6	O
	2.11	17.23	23.1	O
	4.90	—	22.9	W
	4.91	17.15	22.7	W
	4.95	17.21	22.7	W
	4.95	17.21	22.6	W
491	5.94	16.57	58.9	O
	8.95	16.61	60.2	W
	8.96	16.56	60.3	W
	9.09	16.56	60.0	W
	11.14	16.57	59.6	O
	11.15	16.59	58.7	O
492	3.01	19.73	52.0	O
	3.02	19.68	51.3	O
	3.03	19.74	51.2	O
	3.08	19.76	52.4	W
	5.05	19.72	52.3	W
	5.06	19.72	52.1	W
493	11.10	25.92	43.7	W
	11.11	25.75	44.4	W
	11.11	25.80	43.5	W
	11.15	25.78	43.3	O
	11.16	25.73	43.7	O
	12.05	25.78	42.8	O
494	8.95	15.38	42.7	W
	11.10	15.37	43.0	W
	11.11	15.32	42.1	W
	11.97	15.38	43.3	O
	12.03	15.41	43.6	O
	12.08	15.32	44.3	O
495	5.02	36.31	20.9	O
	5.02	36.50	20.3	O
	5.05	36.37	21.2	W
	5.06	36.35	20.6	W
	5.07	36.26	21.5	W
	5.92	36.30	21.0	O
497	4.90	18.98	38.5	W
	4.91	19.02	37.9	W
	4.95	19.00	38.1	W
	4.95	19.03	37.7	W
	5.92	19.04	38.3	O
	12.92	19.05	37.2	O
498	8.95	39.08	12°1	W
	11.10	39.05	12.1	W
	12.99	39.06	11.4	W
	13.03	39.05	13.0	O
	13.91	38.98	12.5	O
	13.92	39.04	11.4	O
499	5.02	53.41	11.2	O
	5.02	53.42	12.0	O
	5.07	53.40	12.1	W
	5.08	53.43	11.6	W
	5.11	53.37	11.6	W
	13.02	53.34	10.8	O
500	5.92	10.00	38.8	O
	5.94	10.03	37.8	O
	8.86	10.07	40.5	W
	9.09	10.13	39.1	W
	11.11	10.14	40.7	W
	11.14	10.15	40.4	O
	11.15	10.17	40.5	O
501	8.95	36.57	13.1	W
	11.08	36.65	12.9	W
	11.12	36.59	13.3	W
	11.15	36.59	12.7	O
	11.16	—	12.8	O
	11.16	36.60	12.9	O
	12.91	36.57	—	O
502	11.07	47.93	47.0	W
	11.10	47.92	46.7	W
	11.14	47.89	46.5	O
	11.14	47.89	46.2	O
	11.15	47.91	46.4	O
	12.97	47.91	47.2	W
503	11.10	20.45	28.0	W
	11.11	20.48	28.7	W
	11.97	20.38	28.0	O
	12.03	20.47	27.8	O
	12.91	20.33	27.9	O
	12.99	20.41	27.8	W
504	5.92	59.40	17.5	O
	11.13	59.36	17.6	O
	12.92	59.37	16.7	O
	13.02	59.42	17.5	W
	13.10	59.44	17.6	W
	13.13	59.41	18.6	W
505	2.09	11.70	57.8	O
	2.09	11.68	57.4	O
	2.10	11.73	57.3	O
	5.02	11.70	57.4	O
	5.02	11.70	58.3	O
	5.05	11.68	56.8	W
	5.05	11.73	57.9	W
	5.05	11.71	57.9	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
506	2.11	51ʰ 7ᵐ 9ˢ	2° 2′	O
	2.11	51.77	2.6	O
	2.13	51.86:	2.6	O
	5.07	51.75	2.7	W
	5.08	51.77	3.4	W
	5.11	51.76	2.8	W
507	3.01	1.83	48.6	O
	3.02	1.86	48.4	O
	3.03	1.86	48.4	O
	4.90	1.85	48.0	W
	4.91	1.82	48.4	W
	4.95	1.83	48.1	W
	4.95	1.91	48.1	W
508	3.03	52.21	26.9	O
	5.05	52.16	26.5	W
	5.06	52.21	27.2	W
	5.07	52.15	27.3	W
	5.92	52.14	26.2	O
	5.92	52.26	28.2	O
509	8.95	2.17	37.5	W
	9.09	2.18	37.4	W
	11.07	2.23	37.4	W
	11.14	2.16	38.0	O
	11.14	2.12	38.5	O
	11.15	2.18	38.8	O
	11.15	2.01	38.3	O
510	11.07	21.40	13.4	W
	11.10	21.36	12.9	W
	11.11	21.44	13.6	W
	11.15	21.43	12.8	O
	11.16	21.42	12.9	O
	12.91	21.35	13.6	O
511	11.10	29.38	13.1	W
	11.12	29.38	13.4	W
	11.14	29.31	13.9	O
	11.97	29.39	13.4	O
	12.03	29.41	13.7	O
	12.97	29.40	14.3	W
512	5.05	59.12	16.1	W
	5.11	59.15	15.9	W
513	5.02	38.49	21.9	O
514	4.90	57.94	20.5	W
	4.91	57.87	20.1	W
	4.95	57.87	20.3	W
	5.92	57.90	20.9	O
	5.92	57.93	19.7	O
	13.82	57.85	19.3	O
515	11.13	2ʰ 6ᵐ 9ˢ	0° 6′	O
	13.13	2.70	2.0	W
	13.14	2.71	2.3	W
	13.16	2.74	1.4	W
	13.86	2.69	1.3	O
	13.87	2.76	1.2	O
516	3.01	27.28	23.4	O
	3.03	27.24	24.9	O
	5.06	27.33	25.6	W
	5.10	27.29	25.5	W
	13.91	27.18	24.9	O
	13.97	27.19	25.9	W
517	8.95	11.27	57.9	W
	9.09	11.25	57.2	W
	11.14	11.28	57.7	O
	11.14	11.29	58.4	O
	11.15	11.25	58.1	O
	12.99	11.26	57.9	W
518	11.08	36.00	47.1	W
	11.10	35.94	46.4	W
	11.11	35.94	46.4	W
	11.15	35.98	45.2	O
	11.15	35.97	45.5	O
	11.16	35.95	45.4	O
519	5.92	59.17	44.0	O
	11.07	59.16	44.4	W
	11.10	59.15	45.2	W
	11.12	59.10	44.2	W
	13.85	59.17	44.4	O
	13.86	59.13	45.5	O
520	12.97	4.34	47.1	W
	13.02	4.28	47.2	W
	13.02	4.34	47.8	O
	13.03	4.28	47.8	O
	13.13	4.25	47.2	W
	13.85	4.27	47.1	O
521	2.09	42.33	20.5	O
	2.09	42.30	20.0	O
	2.10	42.28	20.5	O
	5.05	42.31	22.2	W
	5.05	42.32	20.7	W
	5.06	42.35	20.8	W
522	13.10	44.78	16.7	W
	13.14	44.70	16.9	W
	13.80	44.74	16.3	W
	13.87	44.69	17.3	O
	13.91	44.67	17.3	O
	14.12	44.66	17.4	O
523	13.02	21ʰ 9ᵐ 2ˢ	31° 2′	W
	13.02	21.96	32.4	O
	13.03	21.99	31.1	O
	13.10	21.95	31.7	W
	13.13	21.89	31.9	W
	13.85	21.94	31.6	O
524	9.09	31.64	19.8	W
	11.11	31.63	20.3	W
	11.11	31.66	20.9	W
	11.13	31.68	19.5	O
	11.14	31.68	20.5	O
	11.14	31.63	20.4	O
	11.15	31.64	20.4	O
525	3.03	38.44	60.3	O
	4.90	38.43	—	W
	4.91	38.46	60.4	W
	4.95	38.44	60.7	W
	4.96	38.47	60.9	W
	5.02	38.50	59.6	O
	5.03	38.47	60.3	O
	5.06	38.43	60.6	W
526	5.05	57.06	13.5	W
	5.07	57.10	12.4	W
	5.07	57.08	11.6	W
	5.92	56.97	14.4	O
	5.92	57.07	12.9	O
	13.86	57.06	13.1	O
527	4.90	33.36	17.2	W
	5.08	33.37	17.8	W
	5.11	33.29	18.5	W
	5.12	—	17.7	W
	5.92	33.30	17.1	O
	12.92	33.33	17.1	O
528	11.08	49.51	56.9	W
	11.10	49.54	56.4	W
	11.10	49.46	56.7	W
	11.15	49.55	56.5	O
	11.16	49.49	56.7	O
	11.16	49.50	56.4	O
529	3.03	7.21	47.3	O
	5.02	7.20	47.3	O
	5.02	7.21	47.2	O
	5.05	7.21	47.4	W
	5.05	7.20	46.6	W
	5.07	7.18	47.5	W
530	9.09	21.33	59.4	W
	11.07	(21.20)	59.8	W
	11.11	21.39	61.3	W
	11.14	21.31	60.9	O
	11.14	21.36	61.6	O
	11.14	21.41	60.9	O
	11.15	21.34	60.9	O
	11.15	21.35	61.4	O
531	2.09	49ʰ 5ᵐ 0ˢ	28° 8′	O
	2.09	49.50	29.1	O
	2.10	49.52	28.6	O
	4.91	49.49	29.6	W
	4.96	49.52	29.0	W
	5.06	49.49	27.6	W
532	11.11	6.28	9.0	W
	11.12	6.33	7.9	W
	11.13	6.31	9.8	O
	11.97	6.35	9.2	O
	12.97	6.28	8.5	W
	13.02	6.36	9.1	O
533	13.03	7.39	53.8	O
	13.16	7.37	53.6	W
	13.86	7.34	54.4	O
	13.87	7.30	54.1	O
	13.97	7.34	54.1	W
	14.10	7.38	54.7	W
534	5.92	36.63	36.8	O
	11.07	36.70	37.4	W
	13.02	36.65	37.2	W
	13.10	36.64	37.4	W
	14.12	36.68	36.7	O
	14.13	36.68	38.3	O
535	5.92	17.72	7.9	O
	11.08	17.73	7.6	W
	11.10	17.71	7.8	W
	11.10	17.68	7.6	W
	11.15	17.68	6.7	O
	11.16	17.70	6.1	O
536	3.03	11.08	46.7	O
	5.02	11.11	46.3	O
	5.02	11.07	47.3	O
	5.05	11.10	47.3	W
	5.05	11.11	46.1	W
	5.06	11.07	47.6	W
	5.07	11.11	47.2	W
537	9.09	55.23	8.8	W
	11.07	55.15	8.8	W
	11.11	55.17	9.5	W
	11.13	55.17	8.6	O
	11.14	55.22	8.3	O
	11.14	55.20	8.5	O
	11.14	55.20	8.3	O
	11.15	55.19	8.3	O
538	4.91	24.28	33.3	W
	5.05	24.27	32.7	W
	5.06	24.23	33.6	W
	5.07	24.22	33.7	W
	5.92	(24.05)	33.7	O
	5.92	24.32	34.1	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
539	2.09	35ᵐ48	35°6	O
	2.09	35.53	35.6	O
	2.10	35.53	35.6	O
	5.05	35.54	35.2	W
	5.06	35.43	34.9	W
	5.07	35.49	35.7	W
540	13.02	43.06	1.9	W
	13.03	43.83	3.0	O
	13.13	43.87	1.7	W
	13.16	43.79	—	O
	13.17	43.89	1.3	W
	13.86	43.90	3.1	O
	13.87	43.84	2.5	O
541	5.92	19.39	11.3	O
	11.10	19.33	10.9	W
	11.10	19.34	11.1	W
	11.11	19.33	11.5	W
	11.16	19.32	11.4	O
	11.16	19.37	10.9	O
542	11.11	30.03	44.2	W
	11.12	30.01	43.4	W
	11.15	29.98	45.0	O
	11.97	29.99	44.7	O
	12.99	30.14	44.3	W
	14.14	29.86	45.0	O
	14.14	29.90	44.6	O
543	13.16	42.72	34.4	W
545	11.13	41.05	43.7	O
	11.14	41.04	44.1	O
	11.14	41.02	44.2	O
	11.15	41.04	44.1	O
	13.10	41.07	44.3	W
	13.16	40.98	44.0	W
546	3.03	1.58	3.8	O
	4.91	1.55	3.3	W
	5.02	1.47	3.8	O
	5.02	1.54	4.5	O
	5.05	1.51	3.7	W
	5.06	1.52	3.5	W
547	5.07	2.84	12.2	W
	5.08	2.79	13.1	W
	5.11	2.85	12.4	W
	5.92	2.79	12.6	O
	13.93	2.83	12.8	O
	14.13	2.75	13.5	O
548	5.12	—	52.7	W
	13.02	8.18	52.3	O
	13.95	8.16	53.9	O
	14.07	8.11	—	W
	14.10	8.13	53.0	W
	14.12	8.14	53.7	O
	14.13	8.13	54.8	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
549	11.07	16ᵐ59	58°9	W
	11.11	16.58	58.8	W
	13.86	16.00	58.4	O
	13.97	16.58	59.2	W
	14.13	16.66	58.5	O
	14.14	16.56	59.1	O
550	13.13	37.87	29.2	W
	13.80	38.11	29.9	W
	13.87	38.03	30.8	O
	13.93	38.03	29.7	O
	14.07	37.98	31.4	W
	14.13	37.96	30.6	O
	14.14	37.86	30.9	O
551	11.11	46.70	46.5	W
	11.12	46.64	47.5	W
	13.10	46.70	48.7	W
	13.95	46.52	47.4	O
	14.12	46.48	48.2	O
	14.13	46.60	48.2	O
552	5.05	57.16	35.4	W
	5.07	57.16	34.6	W
	13.17	57.20	35.5	W
	14.13	57.14	34.5	O
	14.13	57.14	35.4	O
	14.14	57.13	35.3	O
553	2.09	26.76	11.8	O
	2.09	26.78	11.9	O
	2.10	26.78	11.9	O
	4.96	26.77	12.4	W
	5.05	26.82	12.0	W
	5.06	26.87	11.5	W
	5.12	—	12.6	W
554	5.11	31.21	56.4	W
555	8.95	41.55	30.0	W
	9.09	41.54	29.3	W
	11.10	41.57	29.1	W
	11.15	41.56	29.9	O
	13.03	41.48	29.4	O
	13.86	41.52	29.7	O
556	5.12	—	11.3	W
	5.92	25.17	11.2	O
	12.99	25.26	13.6	W
	13.02	25.20	12.5	W
	13.02	25.17	12.2	O
	13.87	25.18	12.0	O
	13.97	25.18	13.6	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
557	11.07	45ᵐ97	36°1	W
	11.08	45.84	35.5	W
	11.10	45.96	36.3	W
	11.13	46.01	34.9	O
	11.14	45.93	36.2	O
	11.14	45.94	36.2	O
	11.14	45.91	—	O
	11.15	45.93	36.2	O
558	3.03	46.94	37.9	O
	4.90	46.97	37.9	W
	5.02	46.89	38.0	O
	5.02	46.93	38.4	O
	5.06	46.90	37.7	W
	5.07	47.00	39.0	W
559	5.06	45.87	33.3	W
	5.08	45.69	32.3	W
	5.11	45.73	32.2	W
560	2.11	59.07	10.3	O
	2.11	59.09	10.2	O
	2.13	59.05	10.2	O
	4.95	59.10	10.4	W
	4.95	59.05	9.7	W
	4.96	59.00	10.5	W
	5.05	59.04	9.7	W
	5.05	59.04	10.8	W
561	8.95	25.30	18.6	W
	11.07	25.27	18.5	W
	11.10	25.29	18.0	W
	11.14	25.38	19.1	O
	11.15	25.31	18.8	O
	11.16	25.36	18.4	O
	11.16	25.32	18.7	O
562	11.11	2.51	59.1	W
	11.11	2.57	58.0	W
	11.11	2.57	58.6	W
	11.15	2.49	57.0	O
	11.16	2.54	58.3	O
	13.02	2.57	56.4	O
563	5.05	10.35	7.5	W
	5.06	10.49	6.7	W
	5.07	10.30	6.6	W
	5.92	10.25	7.8	O
	13.03	10.24	8.6	O
	13.93	10.26	7.7	O
564	9.09	26.79	40.6	W
	11.12	26.82	40.8	W
	11.12	26.84	40.4	W
	12.03	26.83	40.2	O
	13.02	26.81	39.5	O
	13.85	26.75	39.3	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
565	2.09	0ᵐ39	25°6	O
	2.09	0.40	25.5	O
	2.10	0.35	25.5	O
	5.05	0.35	26.0	W
	5.07	0.45	25.3	W
	5.11	0.47	26.0	W
566	11.10	9.79	37.1	W
	11.14	9.77	38.1	O
	11.14	9.93	38.0	O
	11.15	9.90	37.4	O
	12.97	9.87	36.3	W
	12.99	9.85	36.9	W
567	11.07	21.35	54.8	W
	11.08	21.30	54.8	W
	11.13	21.35	55.5	O
	11.18	21.28	55.9	O
	12.03	21.36	57.0	O
	13.02	21.31	54.7	W
568	2.11	44.42	10.6	O
	2.11	44.50	11.3	O
	2.13	44.42	10.6	O
	4.95	44.43	10.3	W
	4.95	44.44	9.2	W
	4.96	44.45	12.3	W
	5.05	44.44	9.9	W
	5.05	44.45	11.2	W
569	11.14	48.43	55.4	O
	13.05	48.45	54.5	W
	13.08	48.46	53.9	W
	13.10	48.44	55.4	W
	13.85	48.46	55.0	O
	14.12	48.46	55.5	O
570	3.03	54.71	30.6	O
	4.90	54.74	30.0	W
	5.02	54.61	30.8	O
	5.02	54.74	30.1	O
	5.06	54.90	29.1	W
	5.11	54.64	29.9	W
571	8.95	18.74	20.9	W
	11.10	18.77	21.4	W
	11.15	18.78	20.5	O
	11.16	18.80	20.6	O
	11.16	18.75	21.2	O
	12.99	18.81	20.5	W
572	11.11	16.25	32.2	W
	11.11	16.22	32.3	W
	11.11	16.24	32.4	W
	11.15	16.25	33.5	O
	11.16	16.26	33.8	O
	12.03	16.22	33.6	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
573	11.12	36ʰ44ᵐ 26ˢ6		W
	11.12	36.34 27.3		W
	11.14	36.46 27.7		O
	11.14	36.47 27.3		O
	11.97	36.41 (31.4)		O
	12.99	36.47 26.6		W
575	2.09	23.27 24.0		O
	2.09	23.22 23.6		O
	2.10	23.23 24.2		O
	3.08	23.24 23.7		W
	5.05	23.18 24.2		W
	5.05	23.19 23.1		W
	5.06	23.18 23.9		W
576	8.95	1.91 32.3		W
	11.08	1.77 32.6		W
	11.10	1.96 32.8		W
	11.13	1.93 32.6		O
	11.15	1.99 31.8		O
	13.86	1.93 33.5		O
577	11.15	11.78 26.3		O
	11.16	11.77 26.0		O
	11.16	11.82 26.0		O
	12.97	11.77 26.9		W
	13.05	11.79 27.2		W
	13.08	11.88 26.2		W
578	11.10	21.28 7.6		W
	12.99	21.18 6.8		W
	13.02	21.16 6.8		O
	13.16	— 6.7		W
	14.13	21.02 8.5		O
	14.13	21.08 9.2		O
579	2.11	0.94 36.4		O
	2.11	0.98 36.0		O
	2.13	0.92 35.4		O
	4.95	0.93 34.0		W
	4.95	0.92 34.5		W
	4.96	0.98 34.3		W
	5.05	0.97 36.0		W
	5.05	1.01 35.4		W
	5.06	0.95 37.1		W
580	11.97	1.93 43.6		O
	12.03	1.96 44.4		O
	13.02	1.89 42.6		W
	13.03	2.00 44.1		O
	13.10	1.98 43.8		W
	13.13	2.00 43.5		W
581	11.11	16.82 29.4		W
	11.11	16.80 28.8		W
	11.11	16.75 29.5		W
	11.15	16.76 28.1		O
	11.16	16.80 28.5		O
	12.03	16.82 28.5		O
582	11.12	38ʰ50ᵐ 16ˢ4		W
	11.12	38.54 16.0		W
	11.14	38.52 17.2		O
	11.14	38.59 17.1		O
	13.02	38.46 17.1		O
	13.17	38.53 17.2		W
583	11.07	2.13 46.9		W
	12.05	2.11 46.9		O
	12.99	2.15 47.5		W
	13.10	2.09 47.1		W
	14.12	2.13 47.0		O
	14.13	2.10 47.2		O
584	2.09	54.56 22.4		O
	2.10	54.52 21.5		O
	5.07	54.51 21.4		W
	5.07	54.51 21.8		W
	5.92	54.46 22.3		O
	13.17	54.50 21.0		W
585	8.95	54.74 16.7		W
	11.10	54.70 17.1		W
	11.18	54.73 16.1		O
	13.02	54.74 16.7		W
	13.02	54.75 15.6		O
	13.87	54.69 16.4		O
	13.93	54.68 15.6		O
586	3.03	55.14 34.3		O
	3.08	55.03 34.8		W
	5.02	53.90 34.2		O
	5.02	55.04 34.1		O
	5.05	55.14 34.4		W
	5.05	55.02 34.7		W
	5.06	55.00 35.0		W
	5.08	55.08 34.7		W
587	11.16	55.82 22.7		O
	12.99	55.82 22.0		W
	13.03	55.78 21.6		W
	13.08	55.84 21.6		W
	13.95	55.69 22.6		O
588	13.80	7.26 37.6		W
	13.86	7.27 —		O
	13.87	7.15 37.6		O
	13.97	7.17 38.3		W
	14.10	7.16 39.0		W
	14.13	7.16 39.4		O
	14.14	7.20 38.4		O
589	3.02	8.77 30.0		O
	5.11	8.86 30.2		W
	5.12	— 29.9		W
	5.15	8.82 29.5		W
	14.01	8.76 29.9		W
	14.13	8.73 28.9		O
	14.14	8.79 29.3		O
590	5.12	— 19.0		W
	5.16	27.88 21.0		W
	5.17	27.90 20.5		W
	13.82	27.88 19.8		O
	14.12	27.91 20.1		O
	14.13	27.82 20.4		O
	14.15	27.85 20.4		W
591	11.12	16.93 2.9		W
	11.14	16.93 2.4		O
	11.15	(16.73) 2.0		O
	12.03	16.92 3.7		O
	12.97	17.05 —		W
	13.10	16.94 1.8		W
	13.10	16.88 0.7		W
592	2.13	4.79 49.4		O
	5.05	4.83 49.4		W
	5.06	4.85 48.1		W
	5.11	4.80 49.4		W
	5.92	4.82 49.3		O
	13.03	4.79 49.5		O
593	5.12	— 13.3		W
	12.99	15.68 12.5		W
	13.02	15.71 14.1		W
	13.17	15.67 —		W
	13.87	15.68 12.7		O
	13.93	15.67 12.2		O
594	8.95	38.88 34.2		W
	9.09	38.85 33.9		W
	11.10	38.86 34.5		W
	11.15	38.90 35.1		O
	11.15	38.87 34.9		O
	11.16	38.91 35.1		O
595	2.11	53.32 51.1		O
	3.02	53.34 51.4		O
	3.03	53.31 51.4		O
	5.05	53.37 50.8		W
	5.12	— 50.2		W
	13.13	53.30 50.1		W
	13.17	53.34 —		W
	13.19	53.29 49.8		O
597	5.11	8.86 56.0		W
	5.92	— 56.7		O
	13.02	8.84 55.6		O
	13.17	8.85 57.1		W
	13.95	8.81 55.7		O
	14.01	8.82 56.7		W
	14.14	8.77 55.3		O
598	13.16	30.41 57.1		W
	13.82	30.35 56.9		O
	13.86	30.41 55.9		O
	14.07	30.39 58.0		W
	14.09	30.35 57.7		W
	14.12	30.40 56.7		O
599	2.09	54ʰ61ᵐ 34ˢ6		O
	13.02	54.56 35.3		W
	13.02	54.54 34.7		O
	13.13	54.60 35.4		W
	13.97	54.57 34.9		W
	14.14	54.53 34.5		O
600	11.07	1.24 44.5		W
	11.10	1.27 44.5		W
	11.11	1.23 45.5		W
	11.15	1.24 46.0		O
	11.16	1.28 45.8		O
	11.97	1.27 45.4		O
601	5.06	2.33 24.8		W
	5.10	— 24.0		W
	5.11	2.24 23.7		W
	5.12	2.31 23.6		W
	5.92	— 24.8		O
	13.03	2.29 24.7		O
	14.10	2.28 24.5		W
602	11.11	32.47 34.9		W
	11.11	32.41 34.7		W
	11.12	32.47 35.0		W
	11.13	32.47 35.7		O
	11.14	32.48 35.2		O
	12.03	32.49 37.4		W
603	9.18	33.77 21.4		W
	11.12	33.77 21.6		W
	11.18	33.77 21.4		O
	12.05	33.79 21.6		O
	12.92	33.68 21.8		O
	12.97	33.77 20.7		W
604	11.08	38.39 58.2		W
	11.16	38.45 57.2		O
	11.16	38.44 57.4		O
	11.18	38.45 58.5		O
	12.99	38.45 58.2		W
	13.05	38.48 59.5		W
605	5.12	— 20.6		W
	5.16	27.21 20.9		W
	5.17	27.22 20.8		W
	5.92	— 20.5		O
	13.02	27.29 21.2		W
	13.02	27.17 20.3		O
	13.03	27.18 20.2		O
	13.19	27.29 —		O
606	2.11	34.91 43.2		O
	3.02	34.88 44.2		O
	3.03	35.01 43.7		O
	5.07	34.91 43.9		W
	5.08	34.88 43.3		W
	5.10	— 43.6		W
	5.11	34.93 44.2		W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
607	5.15	13h33	19°5	W
	12.99	13.34	18.5	W
	13.86	13.26	18.8	O
	13.87	13.27	18.9	O
	14.12	13.26	18.7	O
608	2.11	32.94	35.9	O
	2.13	33.02	36.0	O
	2.18	32.95	35.7	O
	4.95	32.97	36.7	W
	4.95	32.97	35.8	W
	4.96	32.95	35.7	W
	5.10	—	35.4	W
	5.12	—	35.3	W
609	5.05	39.59	59.1	W
	5.05	39.61	59.5	W
	5.05	39.62	59.4	W
	5.06	39.76	59.1	W
610	2.09	47.86	14.8	O
	2.09	47.81	14.7	O
	2.10	47.86	15.0	O
	3.08	47.84	14.6	W
	3.14	47.84	14.5	W
	5.11	47.79	13.8	W
	5.92	—	15.1	O
	5.92	47.84	15.2	O
611	8.95	7.32	15.8	W
	9.09	7.29	16.6	W
	11.10	7.35	16.7	W
	11.15	7.30	15.6	O
	11.15	7.33	14.4	O
	11.15	7.34	15.8	O
612	11.07	11.36	2.1	W
613	5.10	—	49.6	W
	5.17	27.42	49.4	W
	12.99	27.44	49.3	W
	13.02	27.45	51.1	W
	13.02	27.44	48.7	O
	13.03	27.44	50.7	O
	13.19	27.44	50.4	O
614	11.11	42.77	4.2	W
	11.11	42.75	4.1	W
	11.13	42.76	4.4	O
	11.14	42.78	4.1	O
	11.16	42.79	3.6	O
	13.10	42.84	4.7	W
615	11.08	—	48.2	W
	11.11	45.86	48.7	W
	11.12	45.75	48.9	W
	11.12	45.80	49.0	O
	11.18	45.81	49.6	O
	11.97	45.83	47.7	O
	12.03	45.83	49.5	W
616	5.02	54h81	5°7	O
	5.05	54.73	4.9	W
	5.06	54.75	5.7	W
	5.07	54.77	5.3	W
	13.94	54.66	6.0	O
	14.13	54.73	6.2	O
	14.14	54.72	5.2	O
617	11.07	6.66	56.2	W
	11.10	6.65	56.6	W
	11.14	6.63	58.1	O
	11.16	6.62	57.9	O
	11.16	6.67	57.8	O
	12.05	6.60	57.8	O
618	5.06	8.78	45.5	W
	5.08	8.87	45.4	W
	5.11	8.81	46.2	W
	5.92	—	44.3	O
	13.03	8.78	45.3	O
	13.19	8.82	46.0	O
	13.86	8.81	—	O
619	5.12	—	12.1	W
	5.16	30.94	11.9	O
	5.92	30.94	11.1	O
620	12.03	53.52	26.8	O
	12.05	53.62	27.2	O
	12.97	53.55	27.1	W
	13.13	53.53	27.1	W
	13.17	53.57	—	O
	13.87	53.59	26.9	O
621	12.99	1.75	14.6	W
	13.05	1.82	16.9	W
	13.08	1.84	15.8	W
	13.16	1.88	15.7	O
	14.12	1.86	16.0	O
	14.13	1.77	14.4	O
622	9.09	25.86	21.6	W
	13.02	25.84	20.2	W
	13.02	25.87	21.6	O
	13.10	25.84	20.1	W
	13.85	25.86	20.5	O
	13.95	25.80	20.3	O
623	8.95	38.01	32.0	W
	13.16	37.98	33.3	W
	13.17	38.03	32.4	W
	13.93	37.95	32.2	O
	14.13	38.00	32.7	O
	14.13	37.97	32.8	O
624	9.18	0.09	30.5	W
	11.10	0.09	30.9	W
	11.15	0.08	30.5	O
	11.15	0.05	30.2	O
	13.03	0.09	31.7	O
	14.02	0.04	30.8	W
625	5.05	13h03	55°7	W
	5.12	—	55.9	W
	5.15	13.90	56.2	W
	13.19	13.92	57.0	O
	13.19	13.92	57.0	O
	14.14	13.89	56.3	O
626	11.15	21.53	53.0	O
	11.16	21.58	52.5	O
	11.97	21.61	52.3	O
	13.02	21.59	51.8	W
	13.10	21.58	51.6	W
	13.17	21.62	52.3	W
628	5.10	—	59.5	W
	5.11	23.23	59.3	W
	5.12	—	58.2	W
	5.92	—	58.1	O
	5.92	23.13	59.4	O
	13.86	23.16	59.2	O
	13.92	23.14	—	O
	14.01	23.16	59.3	W
	14.18	23.22	58.7	W
629	11.10	36.58	59.2	W
	11.11	36.63	58.7	W
	11.11	36.58	59.5	W
	11.14	36.61	59.5	O
	11.14	36.58	59.3	O
	11.18	36.61	59.9	O
630	5.17	59.84	5.1	W
	13.02	59.82	5.2	O
	13.80	59.88	4.3	W
	13.87	59.88	5.0	O
	14.09	59.87	4.4	W
	14.14	59.89	4.1	O
631	12.99	7.45	19.6	W
	13.91	7.52	18.6	O
	13.92	7.47	19.3	O
	14.07	7.48	20.5	W
	14.14	7.41	19.5	O
632	11.11	30.81	44.1	W
	11.12	30.84	44.1	W
	11.12	30.78	44.7	W
	11.16	30.80	44.0	O
	11.16	30.87	44.1	O
	12.03	30.83	44.6	O
633	13.94	31.98	—	O
	13.97	31.94	—	W
634	3.03	33.86	47.0	O
	13.80	33.73	46.8	W
	13.94	33.73	46.8	O
	13.97	33.71	47.1	W
	14.12	33.74	46.7	O
	14.15	33.81	46.8	W
635	5.16	56h43	3°3	W
	5.92	—	2.0	O
	13.03	56.41	3.5	O
	13.85	56.46	2.1	O
	14.07	56.48	3.5	W
	14.14	56.47	2.1	O
	14.20	56.41	3.7	W
636	5.08	8.70	24.6	W
	5.11	8.66	25.2	W
	12.99	8.66	26.7	W
	13.19	8.67	26.7	O
	13.85	8.64	26.6	O
	13.94	8.65	26.3	O
637	5.12	—	43.9	W
	13.82	28.51	43.9	O
	13.93	28.50	43.5	O
	14.01	28.53	45.1	W
	14.10	28.49	44.8	W
	14.14	28.54	43.6	O
638	13.95	29.89	45.3	O
	14.01	29.95	47.2	W
	14.02	29.95	47.0	W
	14.13	29.92	47.1	O
	14.13	29.94	45.8	O
	14.17	29.94	44.5	W
639	11.08	—	53.7	W
	11.13	42.59	55.7	O
	11.14	42.58	55.6	O
	11.18	42.60	55.5	O
	12.97	42.62	55.4	W
	13.02	42.59	55.5	W
	14.07	42.55	—	W
640	5.15	44.30	27.7	W
	5.17	44.36	26.7	W
	12.92	44.29	25.6	O
	13.92	44.28	26.0	O
	14.14	44.28	26.8	O
641	5.05	51.40	15.6	W
	5.92	—	15.3	O
	13.02	51.39	15.3	O
	13.03	51.34	15.4	O
	14.01	51.40	16.6	W
	14.13	51.39	—	O
	14.15	51.37	15.5	W
642	12.03	58.28	48.1	O
	12.05	58.32	48.1	O
	12.05	58.34	48.2	O
	13.05	58.36	47.3	W
	13.10	58.30	48.1	W
	13.10	58.33	47.8	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
643	13.13	5^{h}05	44°7	W
	13.17	5.93	44.2	W
	13.86	5.92	45.2	O
	13.87	5.90	44.9	O
	14.14	5.93	44.9	O
644	5.92	12.76	45.4	O
645	11.18	16.42	—	O
	13.80	16.41	60.7	W
	13.91	16.42	60.5	O
	13.92	16.49	60.2	O
	14.09	16.43	60.0	W
	14.18	16.46	59.7	W
646	11.16	26.55	4.6	O
	11.97	26.59	4.8	O
	13.16	26.55	4.9	W
	13.17	26.57	4.8	W
	13.19	26.58	3.2	O
	13.19	26.56	3.6	O
647	13.02	28.42	28.7	W
	13.08	28.47	28.0	W
	13.85	28.44	27.6	O
	13.94	28.42	28.1	O
	13.97	28.43	28.3	W
	14.14	28.48	28.3	O
648	9.09	38.42	59.2	W
	11.10	38.43	59.6	W
	11.11	38.45	59.5	W
	11.14	38.45	58.6	O
	11.15	38.45	58.9	O
	14.12	38.46	59.0	O
649	13.80	38.84	19.4	W
	13.82	38.84	19.0	O
	13.85	38.87	19.8	O
	13.94	38.90	19.0	O
	14.10	38.80	19.6	W
650	11.10	40.10	33.5	W
	11.11	40.10	33.2	W
	11.11	40.06	32.6	W
	11.15	40.04	32.0	O
	11.15	40.08	32.7	O
	14.13	40.12	31.7	O
652	13.95	55.37	1.4	O
	14.07	55.33	2.8	W
	14.13	55.39	1.1	O
	14.14	55.34	1.1	O
	14.17	55.36	2.7	W
653	11.18	55.65	49.7	O
	13.93	55.59	49.3	O
	14.01	55.59	50.4	W
	14.01	55.66	51.1	W
	14.13	55.62	49.8	O
654	13.86	57^{h}55	39°8	O
	13.92	57.55	39.2	O
	14.02	57.48	40.1	W
	14.14	57.55	39.3	O
	14.15	57.54	40.8	W
656	11.12	2.33	23.0	W
	13.19	2.29	22.2	O
	13.91	2.30	21.8	O
	13.92	2.30	21.4	O
	13.97	2.27	22.0	W
	14.07	2.26	22.3	W
658	11.16	4.30	10.9	O
	11.16	4.30	11.5	O
	14.01	4.23	11.8	W
	14.09	4.18	12.0	W
	14.14	4.21	10.3	O
	14.18	4.30	12.2	W
659	4.95	6.26	30.0	W
	4.95	6.26	30.4	W
	4.96	6.27	29.1	W
	5.02	6.27	31.3	O
	5.02	6.17	30.8	O
	5.07	6.22	30.9	W
	5.10	—	29.6	W
	5.11	6.24	30.3	W
	5.92	—	30.3	O
660	13.03	13.91	42.3	O
	13.10	13.95	41.9	W
	13.80	13.91	43.6	W
	13.94	13.90	42.1	O
	14.14	13.91	41.2	O
	14.20	13.90	41.9	W
662	13.17	39.66	47.6	W
	13.80	39.56	47.9	W
	13.94	39.57	49.2	O
	14.01	—	48.2	W
	14.01	39.58	48.3	W
	14.12	39.63	48.2	O
	14.13	39.60	47.8	O
663	13.02	47.13	2.8	W
	13.13	47.30	1.9	W
	13.85	47.26	2.3	O
	13.85	47.27	2.7	O
	14.10	47.17	1.1	W
	14.13	47.21	2.3	O
664	12.05	51.52	5.6	O
	13.05	51.50	7.0	W
	13.82	51.46	6.1	O
	14.07	51.50	6.6	W
	14.13	51.50	5.9	O
665	11.08	—	4°2	W
	11.12	13^{h}23	4.6	W
	12.03	13.25	3.3	O
	12.05	13.25	3.3	O
	12.99	13.24	3.0	W
	13.19	13.15	2.9	O
	14.17	13.27	4.1	W
666	9.09	4.61	18.6	W
	11.13	4.53	20.2	O
	11.97	4.66	20.0	O
	12.03	4.60	20.4	O
	13.08	4.59	21.0	W
	13.10	4.62	19.6	W
667	11.11	11.40	4.1	W
	11.15	11.35	2.1	O
	11.15	11.41	3.4	O
	12.97	11.40	4.0	W
	13.02	11.39	3.9	W
	13.02	11.36	2.6	O
668	9.18	27.76	49.4	W
	11.07	27.68	48.4	W
	11.10	27.76	48.9	W
	11.14	27.82	49.2	O
	11.15	27.69	47.1	O
	13.03	27.72	49.2	O
669	8.95	47.70	22.5	W
	11.10	47.76	22.5	W
	11.11	47.74	22.7	W
	11.15	47.75	22.0	O
	11.16	47.71	22.2	O
	11.16	47.71	22.4	O
670	13.16	1.99	32.6	W
	13.17	1.92	32.7	W
	13.17	1.94	32.9	W
	13.91	1.92	31.5	O
	13.92	1.91	32.1	O
	13.93	1.91	32.5	O
672	12.99	15.90	31.3	W
	13.87	15.81	30.5	O
	13.92	15.78	29.7	O
	13.94	15.82	30.0	O
	13.97	15.79	30.8	W
	14.01	15.79	30.7	W
673	11.12	16.89	16.7	W
	11.14	16.87	16.4	O
	13.13	16.81	17.1	W
	13.19	16.87	15.2	O
	13.19	16.83	15.7	O
	13.80	16.81	18.3	W
674	13.80	30.34	44.0	W
675	11.18	33^{h}70	28°8	O
	13.10	33.71	29.2	W
	13.95	33.72	28.4	O
	14.02	33.69	29.3	W
	14.07	33.74	28.8	W
	14.14	33.72	28.8	O
676	13.02	37.72	27.1	W
	13.10	37.75	26.5	W
	13.19	37.77	27.1	O
	13.85	37.69	26.5	O
	14.01	37.69	26.0	W
	14.14	37.74	25.4	O
677	4.95	2.34	35.9	W
	4.95	2.34	35.8	W
	4.96	2.34	35.0	W
	5.02	2.34	36.8	O
	5.07	2.43	35.3	W
	5.08	2.36	34.7	W
	5.92	2.35	36.1	O
678	5.10	—	27.4	W
	5.12	—	26.9	W
	13.02	26.00	28.3	O
	13.82	25.91	29.1	O
	13.85	25.88	28.2	O
	14.07	25.89	27.7	W
679	12.99	50.57	12.3	W
	13.03	50.58	12.1	O
	13.92	50.52	11.8	O
	13.94	50.57	11.5	O
	14.01	—	12.7	W
	14.09	50.53	12.4	W
	14.10	50.50	11.6	W
680	5.17	6.47	3.4	W
	13.02	6.49	2.7	O
	13.80	6.49	3.2	W
	13.91	6.57	3.0	O
	13.93	6.51	4.8	O
	14.15	6.55	2.8	W
681	5.92	—	4.3	O
	13.80	12.48	7.0	W
	13.86	12.52	5.0	O
	13.87	12.48	4.8	O
	13.94	12.54	4.5	O
682	9.18	14.17	6.0	W
	11.08	—	5.5	W
	11.10	14.11	5.5	W
	11.13	14.22	6.5	O
	11.14	14.19	7.4	O
	11.15	14.15	6.8	O
	13.02	14.18	7.5	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
683	2.11	15h 07m	13° 7	O
	2.13	15.58	14.0	O
	2.17	15.65	14.0	O
	5.10	—	13.1	W
	5.12	—	14.3	W
	5.15	—	13.6	W
	5.15	15.65	13.6	W
	5.17	15.64	13.7	W
	14.18	15.77	14.4	W
684	13.03	29.49	3.5	O
	13.05	29.55	4.1	W
	13.16	29.49	4.9	W
	13.17	29.47	4.2	W
	13.17	29.44	4.4	W
	13.85	29.45	4.4	O
	13.92	29.46	4.4	O
	14.17	29.46	5.0	W
685	8.95	2.24	30.1	W
	11.07	2.18	—	W
	11.10	2.25	31.1	W
	11.11	2.32	31.0	W
	11.15	2.22	31.5	O
	11.15	2.32	31.2	O
	11.16	2.30	31.6	O
686	3.10	7.57	13.1	W
	3.14	7.52	13.7	W
	5.02	7.64	13.7	O
	5.03	7.47	13.6	W
	5.02	—	15.0	O
	5.02	7.59	15.1	O
	13.19	7.58	—	O
687	3.02	9.35	11.5	O
	3.02	9.37	11.6	O
	3.02	9.39	12.3	O
	3.10	9.37	11.9	W
	5.05	9.41	12.1	W
	5.07	9.39	11.5	W
	12.97	9.36	12.0	W
688	11.11	22.35	25.1	W
	11.12	22.29	25.5	W
	11.16	22.34	25.8	O
	11.18	22.33	25.5	O
	12.03	22.25	25.6	O
	12.99	22.24	25.4	W
689	9.18	33.34	2.6	W
	11.07	33.32	3.7	W
	11.07	33.38	3.7	W
	11.15	33.33	2.5	O
	11.16	33.38	3.2	O
	11.18	33.35	2.6	O
690	2.18	35h 47	52° 3	O
	2.19	35.42	51.2	O
	3.01	35.44	52.1	O
	3.07	35.44	53.0	W
	3.08	35.42	52.9	W
	3.08	35.46	53.2	W
	4.95	35.41	53.0	W
	4.95	35.43	52.4	W
	5.08	35.55	53.1	W
691	9.09	39.77	49.3	W
	11.11	39.76	49.6	W
	11.97	39.76	50.7	O
	12.05	39.74	50.6	O
	13.02	39.79	51.4	W
	13.02	39.77	48.1	O
692	12.98	36.67	30.6	W
	13.03	36.62	30.6	O
	13.08	36.61	30.1	W
	13.10	36.61	29.9	W
	13.14	36.59	30.9	O
	13.19	36.53	30.7	O
693	8.95	1.39	48.3	W
	11.10	1.42	46.2	W
	11.11	1.45	46.2	W
	11.13	1.43	46.3	O
	11.14	1.42	45.8	O
	11.14	1.46	45.5	O
694	11.15	5.82	39.2	O
	11.15	5.79	39.3	O
	11.16	5.82	39.3	O
	12.97	5.79	39.0	W
	13.02	5.75	40.5	W
	13.05	5.83	39.1	W
695	11.08	—	45.9	W
	11.10	12.74	46.3	W
	11.12	12.72	46.4	W
	12.02	—	44.9	O
	13.03	12.82	44.5	O
	13.17	12.75	—	W
	13.19	12.76	45.6	O
	13.87	12.71	45.7	O
696	12.03	14.94	30.3	O
	12.05	14.95	28.3	O
	13.10	15.00	27.3	W
	13.13	14.92	28.2	W
	13.16	15.04	27.5	W
	14.12	14.91	28.0	O
697	9.18	35.73	39.6	W
	11.15	35.79	38.4	O
	11.15	35.76	38.7	O
	11.16	35.79	39.0	O
	13.08	35.78	39.3	W
	13.17	35.76	39.8	W
698	11.18	12h 70	13° 6	O
	12.99	12.72	13.7	W
	13.02	12.79	13.5	W
	13.02	12.74	15.1	O
	13.03	12.73	14.3	O
	13.80	12.66	13.5	W
699	8.95	57.41	8.9	W
	13.02	57.57	8.1	O
	13.03	57.49	7.8	O
	13.10	57.40	8.0	W
	13.97	57.32	8.2	W
	14.12	57.36	7.7	O
700	4.95	15.36	12.4	W
	4.95	15.41	12.7	W
	4.96	15.31	11.5	W
	5.02	15.31	11.4	O
	5.05	15.34	12.2	W
	5.05	15.35	12.3	W
	5.05	15.37	12.3	W
	5.92	15.30	—	O
701	11.15	25.46	29.9	O
	11.16	25.46	29.1	O
	12.97	25.50	29.7	W
	13.05	25.46	29.5	W
	13.10	25.45	30.2	W
	13.87	25.39	28.6	O
702	2.17	49.61	51.7	O
	2.18	49.71	51.9	O
	2.19	49.72	51.7	O
	3.07	49.63	52.4	W
	3.08	49.65	52.2	W
	3.08	49.76	—	W
	3.10	49.66	52.7	W
703	13.03	(59.69)	3.2	O
	13.13	59.50	2.8	W
	14.01	59.43	2.7	W
	14.13	59.46	3.9	O
	14.13	59.46	2.4	O
	14.15	59.42	3.4	W
704	11.16	7.08	31.7	O
	11.18	6.97	32.4	O
	12.99	7.00	32.8	W
	13.02	6.97	31.9	W
	13.17	7.00	32.3	W
	14.12	6.98	32.5	O
705	3.01	7.66	23.4	O
	3.02	7.61	23.2	O
	3.02	7.65	23.8	O
	3.10	7.65	23.8	W
	5.07	7.64	23.3	W
	14.17	7.62	24.0	W
706	3.02	11h 28	23° 9	O
	3.03	11.41	23.9	O
	3.04	11.27	23.6	O
	5.08	11.28	23.3	W
	5.10	11.21	24.6	W
	5.12	—	23.0	W
	5.15	—	24.2	W
	5.15	11.26	25.1	W
707	13.80	31.71	41.1	W
708	5.17	56.46	1.3	W
	13.97	56.40	2.2	W
	14.13	56.39	0.7	O
	14.13	56.41	0.7	O
	14.14	56.38	1.2	O
	14.15	56.36	1.5	W
709	13.13	5.80	8.8	W
	13.19	5.74	8.3	O
	13.19	5.75	8.8	O
	14.01	5.77	9.9	W
	14.02	5.78	8.9	W
	14.13	5.67	8.7	O
710	8.95	40.55	52.0	W
	11.16	40.54	52.2	O
	11.18	40.52	50.8	O
	12.05	40.52	50.8	O
	12.99	40.48	51.1	W
	13.08	40.56	51.2	W
711	5.10	3.32	39.5	W
	5.12	—	39.3	W
	5.16	3.35	39.6	W
	5.17	3.39	38.8	W
712	9.18	3.42	52.0	W
	11.07	3.42	53.1	W
	11.12	3.38	53.4	W
	11.13	3.36	53.6	O
	11.14	3.36	54.1	O
	11.14	3.35	53.1	O
	11.14	3.35	(55.5)	O
713	9.09	38.08	19.9	W
	11.12	38.18	16.9	W
	11.15	38.11	19.1	O
	11.15	38.13	20.2	O
	11.15	38.08	20.0	O
	12.97	38.03	18.4	W
714	3.01	58.09	43.8	O
	3.02	58.14	43.3	O
	3.02	58.13	43.7	O
	3.07	58.14	45.0	W
	3.08	58.09	44.4	W
	3.10	58.11	44.8	W
	4.95	58.11	43.3	W
	4.95	58.08	—	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
715	8.95	12ʰ84	37°8	W
	11.16	12.85	37.1	O
	11.16	12.85	37.0	O
	12.05	12.79	37.1	O
	12.99	12.82	37.2	W
	13.80	12.79	37.4	W
716	11.16	18.40	42.2	O
	11.18	18.38	41.3	O
	11.18	18.40	(44.3)	O
	13.02	18.41	42.2	W
	13.05	18.36	41.9	W
	13.08	18.42	42.7	W
717	5.92	7.08	10.1	O
	9.18	7.15	11.9	W
	11.07	7.11	12.0	W
	11.12	7.18	12.1	W
	11.13	7.08	10.6	O
	11.14	7.14	11.1	O
718	5.08	28.42	29.1	W
719	3.01	34.35	47.5	O
	3.02	34.36	47.3	O
	3.02	34.38	46.8	O
	3.07	34.36	48.2	W
	3.08	34.43	48.0	W
	3.08	34.43	48.4	W
	4.95	34.36	48.1	W
720	9.09	59.38	39.2	W
	11.12	59.39	38.9	W
	11.14	59.42	39.7	O
	11.15	59.40	39.1	O
	11.15	59.40	38.7	O
	13.10	59.38	39.3	W
721	11.14	3.86	7.8	O
	11.15	3.87	6.9	O
	12.03	3.86	7.4	O
	12.99	3.84	6.4	W
	13.02	3.83	6.6	W
	13.13	3.80	6.7	W
722	9.18	9.74	24.4	W
	12.05	9.78	24.0	O
	12.05	9.72	23.0	O
	12.97	9.82	24.9	W
	13.03	9.73	22.3	O
	13.08	9.76	24.0	W
723	13.02	17.18	22.3	O
	13.10	17.19	22.5	W
	13.16	17.19	22.9	W
	13.17	17.26	22.1	W
	13.19	17.22	23.1	O
	13.19	17.17	22.7	O
724	5.10	53ʰ41	27°9	W
725	8.95	19.06	30.3	W
	9.18	19.06	29.7	W
	11.12	19.09	30.8	W
	11.16	19.08	30.0	O
	11.16	19.06	30.5	O
	11.16	19.07	29.9	O
726	9.09	25.63	7.6	W
	11.18	25.71	6.8	O
	12.99	25.67	8.3	W
	13.03	25.65	8.5	O
	13.05	25.75	7.4	W
	13.87	25.56	9.3	O
727	2.18	36.15	19.3	O
	3.02	36.16	20.4	O
	3.03	36.17	20.0	O
	3.07	36.20	20.6	W
	3.08	36.18	20.0	W
	3.08	36.17	20.4	W
728	3.10	38.24	46.9	W
	5.02	38.22	47.1	O
	5.05	38.17	47.9	W
	5.05	38.21	48.0	W
	5.92	38.25	46.7	O
	13.02	38.25	45.3	O
729	9.18	54.87	21.1	W
	11.12	54.91	20.8	W
	11.13	54.95	21.8	O
	11.14	54.94	20.8	O
	11.15	54.92	22.2	O
	11.15	54.93	21.3	O
730	11.07	51.06	31.7	W
731	3.04	3.48	8.9	O
	3.10	3.46	8.8	W
	3.14	3.46	7.8	W
	5.07	3.42	7.7	W
	13.02	3.44	7.2	O
	13.03	3.43	7.6	O
732	11.15	27.36	16.5	O
	11.18	27.37	15.8	O
	12.03	27.29	—	O
	12.99	27.33	16.7	W
	13.02	27.39	17.1	W
	13.08	27.37	17.0	W
	14.13	—	18.9	O
733	5.08	31.14	31.6	W
	5.10	31.17	32.5	W
	5.12	—	32.2	W
	13.17	31.17	—	W
	13.19	31.20	31.4	O
	13.86	31.07	31.5	O
	14.13	31.11	31.5	O
735	11.16	8ʰ79	43°3	O
	11.18	8.81	43.8	O
	12.05	8.77	44.1	O
	12.97	8.77	44.0	W
	13.10	8.82	43.4	W
	13.16	8.74	43.7	W
736	8.95	12.48	29.3	W
	9.09	12.35	28.8	W
	9.18	12.52	30.8	W
	11.14	—	29.6	O
	11.14	12.49	30.6	O
	11.16	12.47	29.4	O
	14.13	12.42	28.4	O
737	3.10	14.86	22.1	W
	4.05	14.88	22.7	W
	4.95	14.82	21.9	W
	5.02	14.92	22.1	O
	5.05	14.85	22.3	W
	5.10	14.84	22.2	W
738	12.99	22.75	59.6	W
	13.03	22.75	59.1	O
	13.17	22.71	59.6	W
	13.17	22.67	59.9	W
	13.19	22.76	58.5	O
	13.87	22.68	60.1	O
739	6.00	43.90	17.2	W
	9.18	43.92	17.1	W
	11.12	43.99	16.7	W
	11.12	43.95	16.7	W
	11.13	43.98	16.0	O
	11.15	43.93	16.6	O
740	11.07	51.59	25.7	W
	11.14	51.56	26.3	O
	11.15	51.65	26.8	O
	11.15	51.61	26.6	O
	13.02	51.59	26.5	W
	13.05	51.60	25.3	W
741	3.03	8.95	21.5	O
	3.04	8.95	21.2	O
	5.05	8.88	22.5	W
	5.05	8.92	21.5	W
	5.07	9.03	21.6	W
	13.19	8.94	20.8	O
742	5.10	10.58	48.6	W
743	2.17	38.26	0.5	O
	2.18	38.25	0.6	O
	2.19	38.30	1.2	O
	3.07	38.23	1.4	W
	3.08	38.30	2.0	W
	3.08	38.31	2.8	W
744	3.02	47ʰ46	37°1	O
	3.02	47.46	37.9	O
	3.02	47.51	36.6	O
	3.10	47.50	38.5	W
	3.14	47.46	38.0	W
	12.03	47.45	—	O
745	8.95	52.76	17.4	W
	9.09	52.77	16.9	W
	11.14	52.77	19.1	O
	11.15	52.80	16.9	O
	11.16	52.74	16.7	O
	12.97	52.76	17.5	W
746	2.20	9.10	29.1	O
	2.21	9.06	28.9	O
	2.21	9.04	29.1	O
	5.07	9.03	28.9	W
	5.12	—	27.8	W
	5.15	9.12	29.7	W
	12.99	9.08	29.5	W
747	5.92	32.02	10.7	O
	9.18	32.05	10.0	W
	9.18	32.05	9.5	W
	11.12	31.95	8.2	W
	11.12	32.02	9.3	W
	11.14	32.03	10.8	O
	11.16	32.02	10.0	O
748	12.05	36.93	17.5	O
	12.05	36.95	17.5	O
	12.99	36.96	16.3	W
	13.03	(37.19)	15.9	O
	13.10	36.96	17.5	W
	13.13	36.97	16.5	W
749	11.15	39.24	15.2	O
	11.18	39.18	14.9	O
	13.02	39.30:	14.9	W
	13.05	39.18	15.4	W
	13.08	39.17	14.4	W
	13.19	39.18	14.8	O
750	13.02	45.37	23.3	O
	13.16	45.41	24.1	W
	13.17	45.35	23.1	W
	13.19	45.40	23.0	O
	13.19	45.38	22.8	O
	13.80	45.42	23.8	W
751	11.18	47.42	46.1	O
	13.10	47.39	46.0	W
	13.86	47.34	43.9	O
	13.87	47.36	46.0	O
	13.97	47.34	45.9	W
	14.01	47.29	45.5	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
752	2.17	48ᵐ99	10°9	O
	2.18	49.02	11.2	O
	2.19	49.04	10.7	O
	3.07	48.98	12.4	W
	3.08	49.03	12.0	W
	5.05	48.95	12.0	W
753	8.95	11.53	59.7	W
	12.03	11.51	59.2	O
	13.17	11.45	59.6	W
	13.94	11.53	59.3	O
	14.01	11.50	60.7	W
	14.12	11.52	59.1	O
754	3.01	26.89	48.0	O
	3.02	26.89	48.2	O
	3.02	26.87	47.8	O
	3.10	26.93	47.7	W
	3.14	26.87	48.7	W
	5.07	26.75	48.7	W
	5.08	26.89	48.0	W
755	6.00	36.57	25.0	W
	9.09	36.51	24.9	W
	9.18	36.53	24.7	W
	12.03	36.45	24.6	O
	13.02	36.50	25.6	O
	13.03	36.39	25.3	O
756	5.92	2.10	26.8	O
	12.99	2.01	26.6	W
757	12.97	18.82	52.9	W
	13.05	18.84	52.4	W
	13.13	18.79	52.7	W
	13.19	18.81	51.9	O
	13.87	18.76	52.0	O
	14.13	18.67	52.0	O
758	3.02	23.76	11.6	O
	3.03	23.73	11.8	O
	3.04	23.72	11.4	O
	3.07	23.70	11.9	W
	3.10	23.73	11.9	W
	4.95	23.71	12.5	W
	5.05	23.76	12.4	W
	5.05	23.74	12.3	W
759	9.18	27.43	18.4	W
	12.05	27.43	18.9	O
	13.10	27.45	18.2	W
	13.16	27.42	18.9	W
	13.19	27.46	19.0	O
	13.19	27.46	18.4	O
760	11.14	28.20	10.1	O
	11.14	28.18	9.1	O
	11.15	28.17	9.8	O
	13.02	28.17	10.3	W
	13.17	28.16	9.4	W
	13.80	28.19	9.4	W
761	13.03	51ˢ54	36″5	O
	14.02	51.33	39.1	W
	14.12	51.26	37.4	O
	14.13	51.24	38.6	O
	14.15	51.20	38.1	W
	14.07	51.20	37.8	W
762	8.95	8.68	56.3	W
	9.09	8.70	55.9	W
	13.86	8.61	54.4	O
	14.13	8.67	55.4	O
	14.14	8.64	55.1	O
	14.18	8.59	55.0	W
763	11.18	9.59	3.7	O
	12.05	9.56	4.5	O
	13.10	9.54	5.1	W
	14.14	9.50	3.5	O
	14.21	9.52	5.5	W
	14.21	9.55	4.7	W
764	11.18	12.44	33.8	O
	12.03	12.42	34.0	O
	13.02	12.46	35.3	W
	13.17	12.43	34.4	O
	14.22	12.45	34.8	W
765	6.00	40.61	53.1	W
	9.18	40.57	52.6	W
	11.16	40.63	54.2	O
	12.03	40.56	53.2	O
	12.99	40.61	53.3	W
	13.19	40.60	52.7	O
766	13.02	43.03	42.7	O
	13.08	42.90	42.6	W
	13.19	42.98	41.5	O
	13.80	43.02	43.5	W
	13.87	42.97	42.6	O
	13.97	42.89	43.4	W
	14.10	42.92	42.1	W
767	13.03	51.58	30.0	O
	13.17	51.52	30.3	W
	14.13	51.39	31.2	O
	14.13	51.45	31.0	O
	14.17	51.47	30.1	W
	14.18	51.45	31.2	W
768	13.10	4.06	37.1	W
	13.13	4.13	36.9	W
	13.16	4.15	36.1	W
	14.12	4.05	37.8	O
	14.13	4.09	37.6	O
	14.14	4.02	38.3	O
769	8.95	12.59	51.8	W
	12.05	12.59	51.0	O
	13.19	12.63	50.5	O
	14.14	12.55	51.5	O
770	5.92	17ᵐ67	28′1	O
	9.18	17.64	28.7	W
	11.14	17.72	27.8	O
	11.14	17.68	28.4	O
	12.97	17.75	29.3	W
	13.02	17.70	28.5	W
771	11.08	30.65	31.5	W
	11.15	30.58	32.4	O
	11.15	30.65	32.8	O
	11.16	30.69	31.7	O
	13.05	30.64	32.2	W
	13.10	30.62	32.6	W
772	3.01	13.16	40.4	O
	3.02	13.16	40.6	O
	3.02	13.14	40.2	O
	3.07	13.16	42.3	W
	3.08	13.16	41.5	W
	3.10	13.13	41.0	W
773	9.09	37.35	22.6	W
	11.15	37.37	21.8	O
	11.16	37.33	22.3	O
	12.03	37.38	21.8	O
	12.99	37.36	22.2	W
	13.02	37.31	22.6	W
774	12.05	47.39	53.5	O
	13.02	47.46	53.9	O
	13.03	47.46	54.2	O
	13.97	47.36	53.6	W
	14.15	47.44	54.5	W
	14.21	47.41	54.2	W
775	3.02	3.60	26.5	O
	3.03	3.55	26.8	O
	3.04	3.57	27.2	O
	3.14	3.58	28.2	W
	4.95	3.57	28.7	W
	5.05	3.54	28.3	W
	5.05	3.54	27.7	W
776	5.07	25.95	43.3	W
	5.08	26.04	44.3	W
	5.10	25.89	42.5	W
	13.22	25.86	43.5	O
	14.12	25.88	43.8	O
	14.13	25.87	44.0	O
777	13.19	35.81	34.1	O
	14.13	35.77	34.6	O
	14.13	35.80	34.2	O
	14.17	35.79	34.1	W
	14.18	35.80	34.2	W
	14.20	35.75	35.7	W
778	6.00	37ᵐ76	3″9	W
	11.14	37.72	3.5	O
	11.18	37.76	5.2	O
	12.99	37.75	4.9	W
	13.17	37.72	4.5	W
	14.14	37.75	5.0	O
779	13.80	2.89	21.1	W
780	11.08	10.43	—	W
	13.02	10.38	12.2	W
	13.02	10.42	12.3	O
	13.03	10.36	11.7	O
	13.10	10.33	12.6	W
	14.14	10.40	11.3	O
781	13.87	17.32	59.5	O
	13.97	17.32	60.1	W
	14.13	17.31	59.1	O
	14.13	17.30	59.6	O
	14.21	17.37	61.0	W
	14.21	17.31	60.4	W
783	2.17	52.42	56.3	O
	2.18	52.35	55.4	O
	2.19	52.40	56.5	O
	5.05	52.43	56.8	W
	5.10	52.40	57.1	W
	5.12	—	56.3	W
	14.15	52.45	—	W
784	2.20	58.72	14.9	O
	2.21	58.75	14.8	O
	2.21	58.69	14.7	O
	3.07	58.72	15.2	W
	3.08	58.66	15.8	W
	3.10	58.72	15.3	W
785	12.05	4.03	45.9	O
	12.99	4.05	46.8	W
	13.02	3.99	46.3	W
	13.02	4.01	46.2	O
	14.13	4.05	45.7	O
	14.17	4.03	46.6	W
786	13.03	24.39	23.4	O
	14.12	24.34	23.7	O
	14.14	24.31	24.3	O
	14.15	24.30	24.9	W
	14.18	24.31	24.6	W
	14.20	24.37	24.9	W
787	5.92	51.09	15.7	O
	12.99	51.07	15.7	W
	13.03	51.10	16.2	O
	13.10	51.02	16.0	W
	13.19	51.01	15.0	O
	14.21	51.01	15.6	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
788	13.02	26ʰ46	27°5	O
	13.08	26.53	27.8	W
	13.13	26.52	27.6	W
	13.17	26.49	27.4	W
	13.19	26.52	27.7	O
	13.87	26.50	27.2	O
789	9.18	47.44	6.1	W
	13.02	47.39	5.2	W
	13.17	47.44	7.1	W
	13.19	47.37	5.3	O
	14.12	47.37	6.0	O
	14.14	47.43	5.5	O
790	13.03	53.82	44.1	O
	13.97	53.78	44.9	W
	14.13	53.78	45.3	O
	14.13	53.75	45.2	O
	14.17	53.78	45.1	W
	14.21	53.77	45.6	W
791	3.01	12.92	45.8	O
792	2.17	33.38	22.1	O
	2.18	33.43	22.8	O
	2.19	33.43	22.3	O
	3.07	33.42	22.9	W
	3.08	33.41	22.7	W
	3.10	33.42	22.8	W
793	3.02	37.90	11.1	O
	3.02	37.84	10.4	O
	5.05	37.90	10.2	W
	5.05	37.92	9.8	W
	5.07	37.87	9.7	W
	14.13	37.82	10.1	O
794	2.20	45.44	12.9	O
	2.21	45.46	13.0	O
	2.21	45.46	13.0	O
	3.10	45.43	12.7	W
	3.14	45.50	13.4	W
	5.08	45.44	13.6	W
795	12.03	24.87	37.5	O
	12.03	24.85	37.2	O
	12.99	24.92	37.9	W
	13.02	24.85	38.0	W
	13.10	24.89	—	W
	13.19	24.87	37.4	O
	14.01	24.89	37.2	W
796	5.10	29.12	54.6	W
	5.15	—	54.1	W
	5.15	29.10	53.2	W
	5.16	29.22:	53.5	W
	5.92	29.09	54.7	O
	13.02	29.13	52.9	O
	13.22	29.11	53.8	O
797	3.02	43ʰ48	27°6	O
	3.03	43.44	26.8	O
	3.04	43.48	27.2	O
	5.17	43.43	27.2	W
	5.99	43.47	29.1	W
	5.99	43.46	28.6	W
798	12.99	49.07	28.3	W
	13.03	49.16:	29.0	O
	13.10	49.06	28.3	W
	13.13	49.10	27.8	W
	13.87	49.07	28.8	O
	14.14	49.08	28.4	O
799	9.18	23.89	46.0	W
	9.18	23.88	45.8	W
	11.15	23.95	44.4	O
	11.16	23.91	45.1	O
	13.02	23.92	44.7	W
	13.19	23.91	44.4	O
800	5.10	31.65	10.8:	W
	14.13	31.56	11.6	O
	14.13	31.56	12.2	O
	14.14	31.60	11.7	O
	14.18	31.55	11.6	W
	14.20	31.55	12.5:	W
801	11.08	44.00	2.3	W
	11.16	43.95	0.2	O
	12.05	43.93	2.0	O
	12.05	43.98	2.2	O
	13.05	43.95	1.7	W
	13.08	43.95	2.3	W
802	5.05	45.36	16.5	W
	5.07	45.39	16.4	W
	5.08	45.40	16.6	W
	13.02	45.36	15.4	O
	13.19	45.37	14.2	O
	14.12	45.34	17.0	O
803	3.01	6.88	59.8	O
	3.02	6.81	60.2	O
	3.02	6.89	60.3	O
	5.99	6.85	62.0	W
	14.21	6.79	62.4	W
	14.22	6.79	62.3	W
804	11.14	44.64	—	O
	12.99	44.62	4.9	W
	13.03	44.69	5.0	O
	13.17	44.57	4.8	W
	13.17	44.54	—	W
	13.19	44.64	4.1	O
	13.80	44.58	5.3	W
	14.13	44.53	4.6	O
805	3.10	58ʰ28	23°4	W
	3.14	58.36	23.5	W
	5.05	58.41	23.1	W
	5.92	58.35	22.0	O
	13.02	58.30	21.9	O
	14.14	58.28	23.4	O
806	2.17	13.76	45.5	O
	2.18	13.70	45.7	O
	2.19	13.85	44.7	O
	3.07	13.72	46.0	W
	3.10	13.72	46.7	W
	5.10	13.75	45.4	W
807	3.02	31.75	22.1	O
	3.03	31.76	22.8	O
	3.04	31.76	22.3	O
	5.15	31.76	22.3	W
	5.16	31.73	22.2	W
	5.17	31.71	22.4	W
808	12.03	37.07	40.7	O
	13.02	37.03	40.8	W
	13.03	37.07	39.8	O
	13.19	37.05	40.8	O
	14.15	37.03	41.1	W
	14.18	37.01	40.8	W
809	9.18	56.64	54.9	W
	11.08	56.85:	54.2	W
	11.14	56.68	55.3	O
	11.16	56.70	54.5	O
	11.18	56.71	54.4	O
	11.97	56.70	54.6	W
810	12.99	27.62	19.4	W
811	2.20	59.46	35.2	O
	2.21	59.47	35.0	O
	2.21	59.50	35.1	O
	5.99	59.43	36.3	W
	13.02	59.48	36.1	W
	13.97	(59.31)	35.9	W
812	9.09	23.80	37.2	W
	9.18	23.79	37.2	W
	11.15	23.82	37.4	O
	11.16	23.82	37.6	O
	11.16	23.87	37.7	O
	13.05	23.86	37.0	W
813	2.17	38.96	42.8	O
	2.18	38.99	42.4	O
	2.19	39.08:	43.3	O
	3.10	38.98	44.0	W
	3.14	38.95	43.7	W
	5.05	39.08	44.7	W
814	3.02	4ʰ40	49°7	O
	3.03	4.42	49.9	O
	3.04	4.35	49.5	O
	5.10	4.41	50.3	W
	5.15	4.43	50.6	W
	5.16	4.38	50.4	W
815	11.08	13.24	14.6	W
	12.03	13.22	14.5	O
	12.05	13.30	15.1	O
	12.05	13.26	16.1	O
	12.99	13.22	15.4	W
	13.10	13.25	14.1	W
816	4.14	18.96	38.6	O
	5.17	19.03	38.4	W
	13.03	19.00	37.5	O
	13.19	19.08	38.1	O
	13.80	19.16:	38.6	W
	14.22	19.02	41.2	W
817	11.18	41.01	58.1	O
	13.02	41.06	55.9	O
	13.08	40.95	56.7	W
	13.13	40.94	56.1	W
	13.17	40.97	55.5	W
	13.19	40.92	56.5	O
818	5.17	41.16	19.7	W
	5.99	41.13	18.9	W
	13.02	41.09	18.3	W
	13.87	41.08	18.1	O
	14.14	41.07	18.4	O
	14.22	41.07	18.3	O
819	14.13	49.01	48.6	O
	14.13	48.98	47.4	O
	14.14	48.95	47.0	O
	14.18	48.96	49.3	W
	14.20	48.92	50.2	W
	14.22	48.95	49.4	W
820	14.13	54.03	55.0	O
	14.14	53.96	54.4	O
	14.14	54.00	55.3	O
	14.15	53.99	54.5	W
	14.21	53.97	55.6	W
	14.22	53.82:	55.5	W
821	3.01	5.39	33.3	O
	3.02	5.42	33.8	O
	3.02	5.39	33.9	O
	3.07	5.35	34.1	W
	3.08	5.38	34.5	W
	3.10	5.39	33.8	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
822	11.16	8ʰ09ᵐ 0ˢ6	0″	O
	13.97	8.07	1.7	W
	14.12	8.08	0.0	O
	14.17	8.16:	2.2	W
	14.22	8.08	1.2	W
	14.22	8.07	0.5	O
823	13.02	25.94	50.9	O
	13.03	26.06	50.3	O
	13.22	26.00	50.3	O
	13.80	25.98	49.1	W
	14.18	25.99	49.9	W
	14.20	25.91	49.1	W
824	14.13	31.62	39.9	O
	14.13	31.56	40.0	O
	14.14	31.59	39.1	O
	14.15	31.60	40.7	W
	14.21	31.61	41.3	W
	14.22	31.56	41.0	W
825	13.87	33.89	25.8	O
	13.95	33.84	27.3	W
	14.13	33.90	25.7	O
	14.14	33.86	25.5	O
	14.17	33.93	28.0	W
	14.22	33.87	27.5	W
826	2.20	38.17	38.3	O
	2.21	38.18	38.2	O
	2.21	38.17	38.1	O
	5.05	38.19	38.0	W
	5.07	38.24	38.5	W
	5.10	38.21	37.9	W
828	3.02	1.68	6.1	O
	3.03	1.65	7.1	O
	3.04	1.67	5.9	O
	3.10	1.64	6.8	W
	3.14	1.64	6.4	W
	5.05	1.66	6.6	W
829	2.17	10.51	10.1	O
	2.18	10.44	10.0	O
	2.19	10.56	10.5	O
	5.10	10.47	10.4	W
	5.15	—	11.2	W
	5.15	10.39	11.4	W
	5.16	10.43	10.8	W
830	11.08	29.06	47.9	W
	11.16	28.93	47.5	O
	12.05	28.98	47.8	O
	12.99	28.89	46.3	W
	13.05	28.96	46.6	W
	13.22	28.99	47.1	O
831	13.02	29ʰ46ᵐ 52ˢ2	52″	W
	13.08	29.41	52.3	W
	13.13	29.54	52.9	W
	13.22	29.51	52.6	O
	14.14	29.48	53.4	O
	14.14	29.51	53.3	O
832	3.01	7.50	45.1	O
	3.02	7.46	45.4	O
	3.02	7.50	45.7	O
	3.07	7.47	44.7	W
	3.08	7.51	46.4	W
	3.10	7.50	45.3	W
833	5.09	56.29	22.7	W
	9.18	56.39	21.9	W
	11.18	56.33	22.9	O
	12.97	56.36	24.1	W
	13.03	56.39	22.5	O
	13.19	56.32	22.3	O
834	4.14	56.17	54.2	O
	5.05	56.44	53.1	W
	5.07	56.39	53.4	W
	5.10	56.36	53.2	W
	5.92	56.39	53.0	O
	13.19	56.39	52.2	O
835	13.87	18.76	16.8	O
	13.97	18.70	17.1	W
	14.13	18.72	16.5	O
	14.13	18.69	16.0	O
	14.17	18.70	16.8	W
	14.18	18.71	17.2	W
836	11.15	11.67	29.4	O
	12.03	11.74	29.3	O
	12.03	11.72	29.6	O
	12.99	11.73	30.3	W
	13.10	11.74	29.1	W
	13.13	11.66	30.3	W
837	9.18	56.10	44.7	W
	12.05	56.06	46.2	O
	12.05	56.06	45.8	O
	13.03	56.09	46.8	O
	13.05	56.06	45.7	W
	13.08	56.06	46.1	W
838	11.11	59.99	17.9	W
	11.16	59.97	17.9	O
	13.02	60.02	19.1	W
	13.22	59.96	18.6	O
	13.23	59.98	18.5	O
	13.23	59.94	19.3	W
839	5.92	15ʰ83ᵐ 38ˢ3	38″	O
	12.99	15.88	38.6	W
	13.80	15.88	38.2	W
	13.87	15.80	38.4	O
	14.12	15.78	38.1	O
	14.17	15.78	37.5	W
840	2.17	2.88	14.5	O
	2.18	2.88	14.3	O
	2.19	2.91	13.6	O
	3.07	2.90	14.5	W
	3.08	2.82	14.5	W
	3.10	2.93	14.9	W
841	11.08	21.37	15.1	W
	12.03	21.37	14.8	O
	13.03	21.669	15.1	O
	13.10	21.34	14.5	W
	13.19	21.36	13.6	O
	13.97	21.27	14.7	W
842	3.01	51.41	23.7	O
	3.02	51.38	23.6	O
	3.02	51.39	23.7	O
	3.10	51.36	24.0	W
	3.14	51.36	24.5	W
	4.14	51.31	24.8	O
	5.05	51.35	23.9	W
843	9.18	52.55	56.6	W
	11.15	52.58	56.4	O
	11.18	52.63	56.6	O
	11.18	52.62	56.9	O
	12.97	52.61	57.0	W
	13.02	52.61	57.5	W
844	12.03	26.16	43.3	O
	12.99	26.18	42.2	W
	13.02	26.27:	41.2	O
	13.08	26.20	42.4	W
	13.13	26.20	42.0	W
	13.22	26.15	42.7	O
845	9.18	51.19	11.1	W
	12.05	51.24	10.6	O
	12.05	51.24	10.3	O
	13.02	51.26	12.6:	W
	13.05	51.23	11.2	W
	13.19	51.21	8.7:	O
846	3.02	2.50	4.5	O
	3.03	2.56	4.6	O
	3.04	2.56	4.8	O
	4.05	2.51	6.2	W
	5.05	2.54	6.5	W
	5.10	2.19	5.7	W
	5.15	—	6.0	W
	5.15	2.54	6.5	W
	5.15	2.49	4.7	W
847	13.03	5ʰ90ᵐ 28ˢ2	28″	O
	4.14	21.99	1.1	O
	5.16	21.94	2.7	W
	5.17	21.91	2.0	W
	5.17	22.10:	2.1	W
	5.92	21.96	0.2	O
	13.22	21.90	1.7	O
848	5.99	29.77	19.8	W
	5.99	29.79	17.9	W
	12.99	29.74	20.1	W
	13.87	29.79	20.8	O
	14.12	29.76	20.4	O
849	9.18	10.36	13.7	W
	11.08	10.50	12.6	W
	11.08	10.40	13.1	W
	11.11	10.44	12.9	W
	11.15	10.46	13.5	O
	11.18	10.46	13.2	O
	11.18	10.39	13.2	O
	13.02	10.48	13.7	W
851	2.19	33.23	14.5	O
	2.20	33.19	14.4	O
	2.21	33.20	14.5	O
	3.07	33.21	15.8	W
	3.08	33.19	15.2	W
	3.10	33.18	15.8	W
852	3.01	48.92	57.2	O
	3.02	48.92	56.7	O
	3.02	48.88	57.3	O
	3.10	48.89	58.4	W
	3.14	48.85	58.4	W
	5.05	48.89	59.0	W
853	12.03	18.91	6.2	O
854	3.02	11.85	53.9	O
	3.03	11.86	52.9	O
	3.04	11.87	54.3	O
	3.07	11.90	54.1	W
	3.08	11.90	54.8	W
	3.10	11.86	54.1	W
855	4.14	33.75	43.1	O
	4.95	33.73	44.1	W
	5.02	33.64	44.2	O
	5.05	33.67	44.6	W
	5.07	33.66	44.5	W
	5.10	33.70	44.1	W
	5.92	33.72	43.3	O
856	5.99	43.39	24.6	W
	9.18	43.40	23.4	W
	11.15	43.40	24.0	O
	12.99	43.42	24.0	W
	13.19	43.46	23.8	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
857	6.00	48ᵐ07	41ˢ5	W
	9.18	49.02	41.9	W
	12.97	48.99	41.9	W
	13.02	49.01	40.8	O
	13.03	49.21	40.7	O
	13.22	49.00	41.1	O
858	11.08	56.74	46.7	W
	11.18	56.76	47.0	O
	12.05	56.83	46.5	O
	12.05	56.76	46.9	O
	13.02	56.84	47.9	W
	13.05	56.74	48.2	W
859	11.11	42.97	13.8	W
	13.08	42.97	12.8	W
	13.10	43.05	13.5	W
	13.19	43.08	13.5	O
	13.23	43.01	14.2	O
	13.87	43.01	14.0	O
860	12.99	45.15	11.3	W
	13.13	45.22	10.2	W
	13.17	45.16	10.8	W
	13.22	45.17	10.8	O
	14.12	45.22	10.2	O
	14.13	45.21	9.8	O
861	3.10	50.56	34.8	W
	3.14	50.56	34.6	W
	5.05	50.59	35.0	W
	5.16	50.60	34.9	W
	14.13	50.58	35.7	O
	14.14	50.62	35.6	O
862	13.02	2.56	57.0	O
	13.19	2.56	56.7	O
	13.23	2.55	56.0	O
	14.18	2.49	56.0	W
	14.20	2.54	56.4	W
	14.21	2.36	57.7	W
	14.22	2.53	57.7	W
863	9.18	44.69	33.9	W
	11.16	44.69	32.7	O
	11.18	44.68	32.8	O
	12.03	44.72	33.0	O
	13.97	44.67	33.7	W
	14.17	44.69	33.9	W
	14.22	44.71	33.2	O
864	3.02	9.19	47.6	O
	3.03	9.21	47.6	O
	3.04	9.11	47.8	O
	4.95	9.20	47.9	W
	5.02	9.23	47.7	O
	5.05	9.18	47.3	W
	5.05	9.19	48.2	W
	5.07	9.21	47.5	W
865	5.99	20ᵐ08	3ˢ0	W
	6.00	20.08	3.6	W
	11.14	20.05	3.5	O
	11.15	20.12	4.2	O
	12.05	20.08	3.1	O
	12.97	20.06	1.3	W
866	2.20	1.35	16.8	O
	2.21	1.40	16.5	O
	2.21	1.43	17.0	O
	3.07	1.38	17.5	W
	3.08	1.38	16.9	W
	3.10	1.42	17.9	W
867	4.14	31.17	30.7	O
	4.14	31.12	29.3	O
	5.05	31.10	30.8	W
	5.05	31.12	30.9	W
	12.97	31.11	30.5	W
	13.02	31.16	29.4	O
868	9.18	36.78	48.3	W
	11.08	36.68	49.4	W
	12.03	36.68	47.4	O
	12.03	36.58	47.7	O
	12.05	36.66	48.3	O
	12.99	36.66	(50.2)	W
869	3.10	13.75	4.4	W
	3.14	13.75	7.9	W
	5.05	13.76	7.9	W
	5.07	13.74	6.8	W
	13.02	13.73	5.7	O
	13.03	13.80	5.7	O
870	9.18	38.21	25.7	W
	11.16	38.28	25.7	O
	11.18	38.13	26.9	O
	12.05	38.26	25.5	O
	12.99	38.18	25.3	W
	13.10	38.19	25.9	W
871	11.14	23.95	41.7	O
	13.13	24.02	40.0	W
	13.17	24.00	40.2	W
	13.80	23.92	39.9	W
	13.91	23.89	39.7	O
	13.92	23.91	39.3	O
872	11.08	31.71	1.3	W
	12.05	31.73	1.1	O
	12.99	31.72	1.3	W
	13.02	31.73	0.7	O
	13.93	31.62	2.4	O
	14.21	31.68	1.8	W
873	13.22	31ᵐ88	57ˢ2	O
	13.87	31.88	57.8	O
	13.92	31.84	57.5	O
	13.97	31.81	58.4	W
	14.01	31.91	57.6	W
	14.17	31.84	57.7	W
874	3.10	44.47	49.3	W
	3.14	44.49	48.9	W
	5.07	44.50	49.3	W
	13.94	44.38	47.3	O
	13.94	44.42	47.8	O
	13.95	44.43	48.2	O
875	5.16	48.49	50.5	W
	14.12	48.50	50.0	O
	14.13	48.46	49.3	O
	14.13	48.47	50.4	O
	14.20	48.55	51.0	W
	14.22	48.48	50.0	W
876	13.80	55.14	27.7	W
	13.91	55.10	26.8	O
	13.92	55.08	27.4	O
	13.97	55.01	27.3	W
	14.13	55.15	26.4	O
	14.18	55.13	28.1	W
877	9.18	3.03	59.1	W
	11.11	3.00	59.2	W
	12.03	3.07	60.9	O
	12.03	3.00	59.2	O
	13.13	3.07	59.9	W
	13.23	3.04	59.3	O
878	4.14	8.30	6.4	O
	5.10	8.22	4.3	W
	13.87	8.17	5.7	O
	13.92	8.20	7.0	O
	14.01	8.09	7.0	W
	14.17	8.19	6.3	W
879	5.17	43.98	55.0	W
	5.99	44.01	54.9	W
	13.03	44.01	53.6	O
	13.23	43.99	54.8	W
	13.93	—	54.4	O
	13.94	44.01	53.6	O
880	5.10	9.44	56.4	W
	5.15	9.56	57.4	W
	5.15	9.49	54.2	W
	13.94	9.45	54.7	O
	13.95	9.49	54.7	O
	14.12	9.45	55.8	O
881	9.18	16ᵐ35	17ˢ1	W
	11.16	16.31	17.0	O
	11.18	16.33	17.4	O
	12.05	16.32	17.1	O
	12.99	16.32	16.8	W
	13.10	16.30	17.5	W
882	13.08	31.21	16.3	W
	13.17	31.30	16.9	W
	13.19	31.22	15.4	O
	13.23	31.22	15.7	O
	14.01	31.22	16.2	W
	14.14	31.22	15.9	O
883	2.18	12.85	26.6	O
	2.19	12.83	26.8	O
	2.20	12.79	26.4	O
	3.10	12.83	27.7	W
	3.14	12.83	27.5	W
	5.07	12.78	27.0	W
884	12.97	15.87	(25.2)	W
	13.05	15.86	18.5	W
	13.91	15.82	18.9	O
	14.13	15.78	19.0	O
	14.14	15.83	19.0	O
	14.18	15.84	18.8	W
885	9.18	24.50	48.2	W
	11.08	24.55	48.4	W
	12.05	24.48	48.0	O
	12.99	24.45	46.9	W
	13.03	24.55	49.4	O
	13.23	24.51	49.2	O
886	4.14	49.20	5.2	O
	4.20	49.17	6.9	O
	5.10	49.17	4.7	W
	5.15	—	5.0	W
	5.15	49.18	5.7	W
	5.16	49.21	3.9	W
	13.93	—	6.1	O
887	3.07	9.04	22.9	W
	3.08	9.03	22.5	W
	3.10	9.10	23.3	W
	13.02	9.01	22.6	O
	13.87	9.07	22.9	O
	13.92	9.04	22.0	O
888	12.03	12.76	12.6	O
	12.03	12.74	12.7	O
	13.94	12.78	12.1	O
	14.17	12.75	12.2	W
	14.20	12.83	11.9	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
889	5.15	19ʰ08	43°8	W
	5.17	19.11	45.9	W
	5.99	19.08	45.6	W
	14.13	19.10	44.0	O
	14.13	19.07	44.4	O
	14.14	19.09	44.5	O
890	13.17	22.77	32.8	W
891	13.03	48.30	50.6	O
	13.10	48.10	50.9	W
	13.13	48.17	50.7	W
	13.19	48.14	49.8	O
	13.23	48.15	51.3	O
	13.80	48.16	50.5	W
892	9.08	56.83	30.9	W
	11.16	56.80	31.5	O
	12.99	56.77	30.2	W
	13.02	56.77	31.0	W
	13.02	56.69	30.4	O
	13.23	56.65	31.4	W
	14.14	56.68	30.2	O
893	9.18	58.18	2.8	W
	11.18	58.19	2.8	O
	12.05	58.22	2.9	O
	13.24	58.11	2.8	W
	13.97	58.09	2.8	W
	14.13	58.14	2.5	O
894	12.97	49.41	52.4	W
	13.03	49.50	54.7	O
	13.05	49.38	53.1	W
	13.22	49.38	55.3	O
	14.12	49.40	55.3	O
	14.18	49.40	54.9	W
895	13.02	45.16	57.3	O
	13.08	45.19	58.0	W
	13.13	45.20	58.6	W
	13.19	45.10	58.1	O
	14.01	—	58.0	W
	14.13	45.14	57.7	O
	14.20	45.14	57.8	W
896	2.21	49.18	23.5	O
	2.21	49.25	23.1	O
	3.10	49.22	24.3	W
	3.14	49.25	24.5	W
	5.07	49.21	24.5	W
	14.13	49.20	23.0	O
897	9.18	50.86	56.0	W
	11.08	50.79	54.9	W
	12.03	50.81	55.2	O
	12.05	50.83	54.2	O
	12.14	50.78	54.2	O
	14.17	50.81	55.4	W
898	12.99	56ʰ67	8°0	W
	13.10	56.66	8.3	W
	13.17	56.68	9.7	W
	13.87	56.68	8.9	O
	14.13	56.64	7.9	O
	14.14	56.66	8.4	O
899	2.18	8.27	8.2	O
	2.19	8.25	7.7	O
	2.20	8.22	7.8	O
	3.07	8.19	8.5	W
	3.08	8.19	8.6	W
	3.10	8.26	8.1	W
900	4.14	27.79	53.5	O
	4.14	27.81	53.9	O
	5.10	27.79	55.4	W
	5.15	—	54.8	W
	5.15	27.70	55.6	W
	5.16	27.80	54.7	W
	14.13	27.76	54.2	O
901	5.15	36.77	32.6	W
	5.17	36.75	33.1	W
	5.99	36.73	32.5	W
	13.14	36.72	31.4	O
	13.23	36.71	32.0	O
	14.13	36.72	31.8	O
902	5.10	20.02	43.1	W
	5.15	20.04	43.7	W
	12.03	20.00	41.2	O
	13.02	19.97	42.3	W
	13.03	20.03	41.2	O
	13.22	19.97	41.8	O
903	9.08	21.76	22.6	W
	9.18	21.83	22.1	W
	11.13	21.79	24.6	O
	11.16	21.84	23.1	O
	12.03	21.83	23.1	O
	12.97	21.77	23.3	W
904	3.10	22.82	54.4	W
	3.14	22.79	53.7	W
	5.07	22.85	54.5	W
	13.03	22.75	54.5	O
	13.23	22.83	54.2	O
	14.12	22.77	54.1	O
905	9.18	42.36	5.8	W
	11.08	42.35	5.3	W
	11.18	42.44	5.9	O
	12.03	42.45	5.8	O
	12.99	42.50	5.8	W
	13.02	42.44	7.3	O
906	5.07	57°30	40°3	W
	12.03	57.23	40.3	O
	12.99	57.29	40.6	W
	13.02	57.27	40.6	W
	13.02	57.23	40.2	O
	13.19	57.30	38.8	O
907	2.19	57.54	34.5	O
	2.20	57.55	35.2	O
	2.21	57.53	34.8	O
	3.07	57.51	35.1	W
	3.08	57.54	35.1	W
	3.10	57.53	35.3	W
	14.17	57.46	35.3	W
908	6.00	16.25	8.9	W
	11.08	16.28	8.3	W
	12.03	16.19	8.9	O
	12.05	16.26	9.2	O
	12.97	16.19	8.4	W
	13.03	16.21	(10.7)	O
909	13.22	29.00	10.1	O
	13.22	29.05	10.3	O
	13.23	29.04	10.6	O
	13.80	29.03	10.9	W
	13.97	28.99	11.2	W
	14.21	29.03	11.1	W
910	5.05	39.05	49.8	W
911	9.08	54.02	2.5	W
	9.18	54.02	1.7	W
	11.11	54.06	2.1	W
	11.13	54.04	2.3	O
	11.14	53.99	1.3	O
	13.02	53.95	2.3	O
912	11.16	57.35	26.1	O
	11.18	57.44	26.8	O
	12.05	57.40	26.3	O
	12.99	57.39	27.4	W
	13.08	57.42	27.4	W
	13.10	57.37	26.9	W
913	3.01	31.86	53.8	O
	3.02	31.85	54.0	O
	3.02	31.87	54.3	O
	3.10	31.85	54.6	W
	5.05	31.88	53.7	W
	13.03	31.85	54.2	O
914	3.02	56.53;	45.0	O
	3.03	56.63	45.7	O
	3.04	56.64	44.1	O
	5.05	56.61	43.9	W
	5.07	56.59	44.3	W
	5.10	56.66	44.9	W
915	2.19	18ʰ04;	18°8	O
	2.20	17.91	17.7	O
	2.21	17.92	17.4	O
	3.07	17.94	18.9	W
	3.08	17.94	18.3	W
	3.10	17.92	18.7	W
916	12.03	32.47	57.0	O
	12.97	32.50	57.7	W
	12.99	32.45	56.9	W
	13.02	32.49	56.8	W
	13.02	32.47	57.0	O
	13.25	32.50	56.1	W
	14.13	32.54	56.2	O
917	4.14	37.84	52.6	O
	4.14	37.80	52.3	O
	5.15	37.85	51.7	W
	5.99	37.82	52.7	W
	13.14	37.87	53.7	W
	13.22	37.82	52.4	O
918	12.05	44.37	52.8	O
	13.23	44.39	54.0	W
	13.97	44.35	53.8	W
	14.12	44.36	52.2	O
	14.14	44.34	52.0	O
920	5.05	54.80	53.8	W
	5.10	54.85	54.6	W
	5.15	—	54.3	W
	5.16	54.82	53.7	W
	13.02	54.80	52.5	O
	13.22	54.71	53.4	O
	14.12	54.74	52.4	O
	14.13	54.71	53.3	O
921	2.21	4.83	45.8	O
	3.01	4.81	45.8	O
	3.02	4.86	45.5	O
	3.10	4.84	46.6	W
	4.95	4.88	47.2	W
	5.99	4.86	46.6	W
	5.99	4.86	46.6	W
922	12.97	40.24	43.1	W
	13.02	40.26	42.6	W
	13.03	40.23	43.0	O
	13.14	40.30	41.7	W
	13.19	40.19	41.9	O
	13.87	40.24	42.1	O
923	3.02	34.13	1.9	O
	3.02	34.11	2.8	O
	3.03	34.08	2.5	O
	3.07	34.11	3.1	W
	3.10	34.07	3.9	W
	13.23	34.07	4.3	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
924	3.04	56ᵐ27	15ˢ8	O
	3.08	56.35	17.3	W
	5.02	56.32	15.9	O
	5.05	56.37	17.1	W
	5.07	56.35	17.2	W
	13.03	56.36	15.8	O
925	12.03	3.83	3.8	O
	12.05	3.81	3.0	O
	12.99	3.86	2.9	W
	13.02	3.80	4.5	O
	13.08	3.81	3.1	W
	13.10	3.79	2.8	W
926	2.19	16.90	52.7	O
	2.20	16.81	51.8	O
	2.21	16.83	51.7	O
	4.95	16.83	52.0	W
	5.10	16.78	53.1	W
	5.15	16.83	52.9	W
	5.15	16.86	52.6	W
927	4.14	57.15	50.3	O
	4.14	57.13	51.0	O
	5.05	57.16	51.7	W
	5.05	57.17	51.7	W
	5.05	57.15	50.0	W
	5.17	57.18	51.6	W
928	3.01	19.04	43.2	O
	3.02	19.02	43.2	O
	3.02	19.01	44.6	O
	3.10	19.03	44.1	W
	5.10	19.00	44.2	W
	5.15	—	45.0	W
	5.15	18.97	43.4	W
929	9.23	34.66	7.2	W
	11.08	34.65	6.0	W
	11.13	34.69	7.6	O
	11.14	34.63	7.5	O
	11.18	34.70	7.7	O
	12.03	34.64	5.9	O
930	9.08	30.34	21.8	W
	9.18	30.32	21.4	W
	12.97	30.31	22.6	W
	13.02	30.31	20.7	O
	13.03	30.32	21.1	O
	13.19	30.22	20.7	O
931	12.97	8.89	3.9	W
	13.02	9.00	3.9	W
	13.03	9.04	3.6	O
	13.17	9.07	3.6	W
	13.22	9.04	4.5	O
	13.87	8.98	3.5	O
933	13.19	11.93	14.0	O
934	13.22	14ᵐ36	30ˢ8	O
	13.24	14.35	31.4	W
	13.25	14.33	30.6	W
	13.92	14.37	31.8	O
	13.92	14.33	31.9	O
	13.97	14.36	31.2	W
935	3.01	34.51	4.0	O
	3.02	34.47	3.9	O
	3.02	34.41	4.6	O
	5.15	34.46	4.1	W
	5.16	34.47	4.4	W
	5.17	34.57	4.9	W
936	13.23	43.83	22.9	W
	13.24	43.76	23.3	W
	13.87	43.81	23.8	O
	13.93	43.84	23.3	O
	14.17	43.76	24.7	W
937	2.20	46.29	15.4	O
	2.21	46.34	15.1	O
	2.21	46.37	15.3	O
	5.10	46.29	15.6	W
	5.15	46.28	14.9	W
	13.02	46.30	15.8	W
938	13.02	51.90	24.0	O
	13.03	51.86	24.9	O
	13.14	51.85	24.6	W
	13.17	51.86	24.5	W
	13.24	51.75	24.9	W
	13.94	51.86	25.7	O
939	3.02	14.79	39.6	O
	3.03	14.80	40.3	O
	3.04	14.80	40.3	O
	5.05	14.81	41.0	W
	5.09	14.85	41.1	W
	5.99	14.82	40.7	W
940	13.02	9.66	40.6	W
	13.08	9.63	41.0	W
	13.10	9.65	40.8	W
	13.22	9.65	42.3	O
	13.95	9.67	42.9	O
	14.12	9.70	41.9	O
941	9.18	28.70	53.4	W
	9.23	28.75	52.8	W
	11.10	28.70	53.1	W
	11.13	28.72	53.9	O
	13.02	28.71	55.3	O
	13.03	28.69	54.1	O
942	4.14	40ᵐ81	25ˢ8	O
	4.14	40.72	25.6	O
	4.95	40.78	26.4	W
	5.02	40.84	25.0	O
	5.05	40.81	27.0	W
	5.10	40.84	27.4	W
	5.15	40.84	26.2	W
	5.15	40.80	25.6	W
943	9.08	18.93	7.0	W
	9.18	19.02	7.1	W
	11.11	18.95	7.8	W
	11.14	18.93	7.8	O
	12.03	18.96	5.8	O
	12.05	18.96	7.2	O
944	3.01	27.01	14.0	O
	3.02	27.04	14.0	O
	3.02	27.00	13.9	O
	5.15	27.02	12.2	W
	5.16	27.00	14.2	W
	5.19	26.99	15.1	W
945	3.02	42.37	49.5	O
	3.03	42.37	49.2	O
	3.04	42.43	49.4	O
	3.10	42.42	49.4	W
	5.05	42.43	48.9	W
	5.05	42.37	48.8	W
946	12.97	29.22	61.3	W
	13.14	29.23	60.9	W
	13.22	29.21	60.5	O
	13.24	29.23	61.5	W
	13.87	29.27	61.2	O
	13.91	29.28	59.6	O
947	6.00	39.76	24.1	W
	11.08	39.85	22.2	W
	13.02	39.90	23.4	O
	13.08	39.82	24.6	W
	13.19	39.77	24.3	O
	13.21	39.69	24.7	O
948	2.20	0.60	4.2	O
	2.21	0.55	4.5	O
	2.21	0.61	4.7	O
	3.07	0.57	5.2	W
	3.10	0.50	4.8	W
	5.05	0.45	4.8	W
949	9.18	54.64	14.2	W
	9.23	54.64	13.7	W
	11.10	54.63	13.4	W
	11.13	54.69	14.9	O
	12.03	54.63	14.6	O
	13.92	54.63	15.1	O
950	5.99	7ᵐ99	28ˢ5	W
	9.08	7.92	27.3	W
	12.03	7.91	27.4	O
	12.97	7.89	27.7	W
	13.02	7.91	26.6	O
	13.92	7.90	27.2	O
951	3.01	23.10	43.7	O
	3.02	23.09	44.0	O
	4.95	23.16	43.1	W
	5.05	23.12	44.4	W
	5.16	23.17	44.2	W
	13.24	23.19	43.0	W
952	12.05	37.96	52.6	O
	12.97	37.92	53.0	W
	13.02	37.96	52.4	W
	13.25	37.97	52.3	W
	13.87	37.96	52.6	O
	13.93	37.97	54.3	O
953	13.10	38.14	35.2	W
	13.21	38.15	34.5	O
	13.24	38.16	34.1	W
	13.91	38.15	34.3	O
	13.94	38.17	34.7	O
	13.97	38.11	34.6	W
954	3.02	6.26	4.9	O
	3.02	6.21	5.0	O
	3.03	6.24	4.2	O
	3.10	6.26	4.8	W
	5.05	6.25	4.9	W
955	11.11	7.55	34.4	W
	11.14	7.63	34.1	O
	13.97	7.59	33.9	O
	14.17	7.57	34.0	W
	14.18	7.59	33.6	W
956	13.02	9.82	1.0	O
	13.08	9.87	2.1	W
	13.14	9.91	1.0	W
	13.19	9.87	1.4	O
	13.22	9.90	1.8	O
	13.22	9.89	1.4	O
	14.29	9.93	1.3	W
957	2.21	32.46	0.3	O
	2.21	32.32	0.5	O
	3.04	32.41	1.0	O
	5.06	32.47	(3.4)	W
	5.10	32.44	1.7	W
	5.12	—	1.8	W
	5.15	32.42	0.5	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
958	6.00	18h 04s	54° 6′	W
	11.08	18.92	55.4	W
	11.14	18.98	55.4	O
	12.03	18.87	55.4	O
	13.02	18.92	54.7	W
	13.19	18.81	54.1	O
959	5.97	30.03	51.6	W
	9.08	30.05	50.1	W
	11.10	30.03	50.9	W
	11.13	30.06	50.5	O
	13.21	30.03	50.1	O
	13.91	30.00	50.8	O
960	3.01	37.97	42.1	O
	3.02	38.00	42.2	O
	3.02	38.01	42.1	O
	4.95	37.97	42.8	W
	5.05	38.01	41.9	W
	5.06	38.02	43.0	W
	5.10	37.96	42.5	W
961	9.18	38.91	18.2	W
	9.23	38.96	18.0	W
	13.14	38.99	16.7	W
	13.87	38.94	16.4	O
	13.92	38.94	16.0	O
	13.92	38.93	16.1	O
962	11.14	49.86	6.3	O
	12.97	49.79	6.1	W
	12.97	49.85	6.6	W
	13.02	49.78	6.6	O
	13.10	49.86	6.5	W
	13.93	49.79	6.5	O
	13.94	49.84	5.0	O
	14.12	49.88	5.0	O
963	13.19	7.87	52.9	O
	13.22	7.83	53.0	O
	13.24	7.85	52.6	W
	13.24	7.86	52.3	W
	13.25	7.81	52.4	W
	13.95	7.83	52.1	O
964	2.11	10.15	32.6	O
	2.14	10.13	32.7	O
	2.20	10.21	32.0	O
	3.07	10.17	32.6	W
	3.10	10.16	34.5	W
	5.05	10.12	33.6	W
965	6.00	26.61	52.1	W
	12.05	26.49	49.9	O
	13.08	26.51	51.2	W
	13.19	26.49	51.2	O
	13.97	26.48	50.7	W
	14.13	—	50.4	O
966	2.21	52h 25	56° 9	O
	2.21	52.21	56.6	O
	3.02	52.26	57.0	O
	3.10	52.19	57.8	W
	5.06	52.22	57.2	W
	5.10	52.25	58.4	W
967	13.02	59.92	2.8	W
968	11.11	10.66	25.5	W
	11.11	10.61	26.2	W
	11.12	10.66	26.1	W
	12.03	10.66	25.0	O
	14.13	10.03	24.6	O
	14.14	10.66	24.4	O
969	3.03	47.52	14.1	O
	3.04	47.53	13.8	O
	5.05	47.53	15.5	W
	5.15	47.53	14.6	W
	5.16	47.53	14.9	W
	13.19	47.45	14.3	O
970	5.97	1.68	24.9	W
	9.18	1.72	25.0	W
	9.23	1.63	25.4	W
	11.11	1.60	24.8	W
	11.13	1.66	25.4	O
	11.14	1.67	26.2	O
971	3.02	29.59	50.1	O
	4.14	29.45	48.6	O
	4.14	29.51	49.5	O
	4.95	29.56	50.8	W
	5.06	29.52	50.3	W
	5.10	29.54	52.6	W
	5.15	—	50.3	W
	5.15	29.48	50.3	W
972	3.01	32.62	57.9	O
	3.02	32.66	58.1	O
	3.02	32.63	57.4	O
	5.05	32.60	58.6	W
	5.05	32.61	57.5	W
	5.06	32.61	57.9	W
973	2.11	24.46	46.1	O
	2.14	24.45	45.4	O
	2.20	24.43	45.5	O
	3.07	24.47	46.0	W
	3.10	24.42	45.8	W
	5.05	24.43	46.3	W
974	5.99	26.84	27.4	W
	6.00	26.87	27.4	W
	11.08	26.85	26.1	W
	11.10	26.88	27.0	W
	11.13	26.82	26.6	O
	11.13	26.83	26.7	O
	11.14	26.82	27.6	O
975	9.08	36h 06	8° 4	W
	9.23	35.98	8.5	W
	11.11	36.04	8.4	W
	12.03	36.06	8.5	O
	12.03	36.03	8.7	O
	12.05	36.06	7.8	O
976	2.21	57.12	0.4	O
	2.21	57.17	0.7	O
	3.02	57.17	0.1	O
	3.10	57.08	1.6	W
	4.95	57.15	0.8	W
	5.06	57.12	1.4	W
	5.07	57.16	1.0	W
977	11.11	5.44	16.5	W
	11.12	5.42	17.3	W
	12.03	5.43	17.9	O
	12.97	5.47	17.5	W
	13.19	5.42	18.0	O
	13.19	5.47	17.9	O
978	9.24	21.97	58.8	W
	12.97	21.99	59.2	W
	13.02	21.96	59.2	W
	13.02	22.01	59.2	O
	13.21	22.02	59.1	O
	13.22	22.00	58.7	O
979	3.01	28.26	32.9	O
	3.02	28.24	33.0	O
	3.02	28.27	32.2	O
	5.05	28.21	33.5	W
	5.06	28.28	34.5	W
	5.10	28.27	33.2	W
980	9.23	1.33	4.8	W
	11.10	1.32	5.6	W
	11.12	1.33	5.3	W
	13.19	1.31	5.8	O
	13.21	1.30	4.3	O
	13.22	1.33	5.3	O
981	3.03	26.87	27.3	O
	3.04	26.90	27.6	O
	3.10	26.87	28.5	W
	4.95	26.95	29.7	W
	5.06	26.83	28.2	W
	5.07	26.83	27.8	W
	5.19	27.02	27.9	W
982	2.11	45.00	45.4	O
	2.14	44.95	44.6	O
	2.20	45.01	45.1	O
	3.07	45.01	45.9	W
	3.10	44.95	45.0	W
	5.05	44.99	45.7	W
983	5.99	47h 37	56° 8	W
	6.00	47.35	56.0	W
	11.11	47.39	55.4	W
	11.13	47.33	54.7	O
	11.14	47.36	56.3	O
	12.05	47.36	53.9	O
984	9.08	5.01	43.2	W
	9.18	5.04	43.3	W
	9.24	5.01	43.9	W
	12.03	5.02	42.2	O
	12.03	4.95	42.0	O
	13.02	5.08	43.2	O
985	5.15	10.30	28.2	W
	5.15	10.19	29.0	W
	5.16	10.18	30.2	W
986	12.97	23.03	17.4	W
	13.02	23.01	18.1	W
	13.10	23.03	17.3	W
	13.19	23.02	17.3	O
	13.19	22.96	17.0	O
	13.21	22.99	16.2	O
987	11.08	25.35	47.2	W
	11.10	25.30	47.8	W
	11.11	25.33	48.3	W
	11.13	25.32	47.0	O
	11.14	25.36	46.9	O
	13.02	25.35	46.3	O
988	2.21	41.69	41.5	O
	2.21	41.72	40.7	O
	3.01	41.71	41.4	O
	4.95	41.65	42.5	W
	5.05	41.73	43.0	W
	5.06	41.70	42.0	W
	5.10	41.70	42.6	W
	6.00	41.66	—	W
989	9.23	54.26	54.9	W
	13.13	54.22	53.8	W
	13.14	54.33	55.0	W
	13.22	54.24	53.8	O
	13.22	54.27	53.4	O
	13.23	54.26	54.5	O
990	11.12	34.08	35.9	W
	12.03	34.14	33.3	O
	12.05	34.10	34.4	O
	13.23	34.06	36.0	W
	13.24	34.06	35.6	W
	13.99	34.06	34.6	O
991	9.18	47.53	25.4	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
992	2.11	16h08	58°2	O
	2.14	16.09	58.1	O
	2.20	16.10	57.8	O
	3.07	16.07	57.8	W
	3.10	16.03	58.2	W
	4.95	16.00	58.0	W
	5.05	16.09	59.0	W
993	11.14	28.69	(61.2)	O
	13.02	28.64	60.1	W
	13.10	28.75:	59.4	W
	13.14	28.65	59.2	W
	13.23	28.65	59.1	O
	13.25	28.63	59.6	O
994	9.08	37.21	44.3	W
	9.24	37.17	45.2	W
	11.11	37.14	43.5	W
	11.13	37.15	44.5	O
	13.02	37.18	44.3	O
	13.22	37.16	43.4	O
995	11.10	10.03	25.1	W
	11.10	10.06	25.9	W
	11.11	10.08	26.4	W
	13.19	10.05	25.0	O
	13.19	10.02	25.0	O
	13.21	10.05	24.4	O
996	5.99	43.10	36.2	W
	9.23	43.15	36.0	W
	11.11	43.22	35.3	W
	11.13	43.20	35.9	O
	12.04	43.19	—	O
	13.02	43.26	35.4	O
	13.23	43.12	35.7	O
997	5.05	32.74	46.5	W
	5.06	32.73	47.2	W
	5.10	32.75	46.6	W
	13.19	32.54	44.7	O
	13.21	32.54	44.1	O
	13.25	32.53	45.4	O
998	12.97	57.79	4.4	W
	13.02	57.75	6.0	O
	13.10	57.78	5.0	W
	13.13	57.75	4.5	W
	13.19	57.77	5.2	O
	13.22	57.76	4.6	O
1000	13.23	55.42	27.0	O
	13.23	55.42	26.0	W
	13.24	55.40	26.7	W
	13.24	55.45	27.6	W
	13.91	55.56	26.8	O
	13.92	55.30	26.2	O
1001	12.97	16h77	57°7	W
	13.13	16.76	57.7	W
	13.24	16.81	59.1	W
	13.92	16.75	56.4	O
	13.94	16.80	56.7	O
	14.12	16.79	57.4	O
1002	13.25	23.17	49.4	O
	13.97	23.15	50.1	W
	14.13	23.10	50.7	O
	14.13	23.20	50.5	O
	14.17	23.21	50.4	W
	14.22	23.18	50.1	W
1003	13.21	29.70	37.2	O
	14.13	29.70	38.1	O
	14.14	29.70	38.4	O
	14.18	29.65	37.7	W
	14.30	29.70	37.7	W
1004	13.19	42.49	42.2	O
	13.22	42.50	41.7	O
	13.24	42.42	41.7	W
	13.24	42.39	42.0	W
	13.24	42.44	41.6	W
	14.12	42.37	42.5	O
	14.14	42.44	43.2	O
1005	13.14	16.55	29.1	W
	13.23	16.59	29.1	O
	13.25	—	28.3	O
	13.91	16.60	28.7	O
	13.92	16.59	29.0	O
	13.97	16.62	29.6	W
	14.17	16.57	29.6	W
1006	13.08	24.19	45.4	W
	13.10	24.20	44.5	W
	13.23	24.14	45.7	W
	13.25	24.16	44.1	O
	13.92	24.23	45.2	O
	13.94	24.16	44.8	O
	14.22	24.16	44.9	W
1007	2.10	25.58	20.4	O
	2.11	25.60	20.9	O
	2.19	25.58	22.1	O
	4.95	25.77:	20.7	W
	5.05	25.60	22.1	W
	5.06	25.60	21.7	W
	5.07	25.60	21.4	W
1008	6.00	25.75	33.8	W
	12.05	25.64	33.2	O
	12.05	25.71	32.9	O
	13.02	25.65	33.3	W
	13.19	25.68	32.8	O
	13.24	25.68	33.0	W
1009	2.21	28h85	10°9	O
	2.21	28.80	10.5	O
	3.03	28.83	10.8	O
	5.07	29.01:	11.4	W
	5.15	28.88	11.7	W
	5.16	28.83	11.5	W
1010	9.23	16.25	50.4	W
	11.13	16.28	51.0	O
	12.97	16.30	50.5	W
	13.02	16.29	51.2	O
	13.19	16.29	51.3	O
	13.24	16.29	51.3	W
1011	5.99	23.80	38.8	W
	12.97	23.70	39.1	W
	13.22	23.75	38.4	O
	13.24	23.72	39.6	W
	13.91	23.69	39.0	O
	14.11	23.72	40.1	O
1012	2.13	35.66	11.5	O
	2.13	35.74	11.3	O
	4.95	35.80:	11.8	W
	5.05	35.69	11.2	W
	5.06	35.63	11.2	W
	5.07	35.73	11.3	W
	5.20	35.69	12.6	O
1013	6.00	4.70	12.2	W
	9.23	4.76	10.9	W
	12.05	4.78	11.6	O
	12.05	4.69	9.9	O
	12.97	4.74	12.2	W
	13.02	4.71	11.0	O
	13.19	4.70	10.7	O
1014	9.24	10.15	49.8	W
	11.10	10.16	48.9	W
	11.13	10.14	48.1	O
	11.14	10.17	47.9	O
	11.15	10.04	47.7	O
	11.16	10.21	48.6	O
1015	4.14	40.49	18.2	O
	4.14	40.66	18.9	O
	5.07	40.42	19.3	W
	5.15	40.41	19.8	W
	5.15	40.42	19.4	W
	5.21	40.36	18.1	O
1016	12.97	53.35	53.3	W
	13.02	53.33	52.0	W
	13.12	53.38	52.3	W
	13.19	53.33	51.4	O
	13.21	53.36	51.3	O
	13.22	53.37	51.5	O
1017	2.10	41h23	23°2	O
	2.11	41.21	23.4	O
	2.19	41.34	23.4	O
	5.06	41.28	23.9	W
	5.07	41.28	24.1	W
	13.23	41.27	23.5	W
1018	11.12	44.22	16.4	W
	11.12	44.22	15.7	W
	11.14	44.26	15.7	O
	11.16	44.26	15.5	O
	12.03	44.25	16.8	O
	12.97	44.26	16.1	W
1019	2.14	45.02	52.9	O
	5.05	45.03	54.4	W
	5.15	44.97	52.3	W
	5.19	44.99	54.3	W
	5.99	45.05	54.0	W
	5.99	45.00	54.2	W
	12.03	45.00	54.4	O
1020	11.03	17.79	44.6	W
	11.18	17.75	45.2	O
	12.05	17.77	43.6	O
	12.25	17.75	44.0	O
	13.08	17.76	45.2	W
	13.10	17.76	44.9	W
1021	12.26	30.14	42.8	O
	12.26	30.11	43.7	O
	13.02	30.14	42.5	W
	13.13	30.17	41.6	W
	13.14	30.14	43.7	W
	13.19	30.15	42.8	O
	13.19	30.18	42.1	O
1022	11.08	39.12	9.7	W
	11.11	39.23	9.5	W
	11.11	39.15	9.2	W
	11.13	39.22	9.4	O
	11.14	39.11	9.9	O
	11.15	39.20	10.0	O
1023	2.21	41.12	38.4	O
	2.21	41.09	37.2	O
	5.05	41.06	37.2	W
	5.06	41.08	37.7	W
	5.07	41.04	38.3	W
	5.21	41.10	38.4	O
1024	9.23	10.69	18.7	W
	9.24	10.74	18.6	W
	11.10	10.67	18.5	W
	12.05	10.71	17.6	O
	13.13	10.67	18.6	O
	13.22	10.75	18.7	O

Digitized by Google

No des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1025	4.14	17ʰ7ᵐ1	30°8	O
	4.14	17.71	30.9	O
	5.05	17.74	31.4	W
	5.06	17.70	32.0	W
	5.07	17.73	31.0	W
	5.21	17.71	31.1	O
1026	9.08	53.25	7.8	W
	11.12	53.23	8.3	W
	11.12	53.27	6.7	W
	11.14	53.25	6.9	O
	11.16	53.29	7.0	O
	12.03	53.30	7.3	O
1027	5.15	10.42	16.4	W
1028	9.23	44.33	4.6	W
	9.24	44.38	3.7	W
	11.11	44.36	4.0	W
	11.13	44.41	3.0	O
	11.14	44.33	3.5	O
	11.15	44.39	3.7	O
1029	2.21	23.26	50.2	O
	2.21	23.22	51.8	O
	5.05	23.24	52.6	W
	5.06	23.22	53.2	W
	5.07	23.23	53.0	W
	12.05	23.22	51.5	O
1030	2.10	32.28	16.6	O
	2.11	32.24	16.3	O
	2.14	32.27	16.9	O
	5.07	32.31	17.4	W
	5.15	32.33	17.7	W
1031	4.14	0.70	12.0	O
	4.14	0.73	12.2	O
	5.16	0.71	13.0	W
	5.19	0.71	12.8	W
	5.21	0.73	12.9	O
	5.99	0.70	12.4	W
	5.99	0.73	12.7	W
1032	11.08	11.98	30.6	W
	11.10	11.94	29.8	W
	11.10	11.94	29.7	W
	11.11	12.02	30.0	W
	11.13	11.93	29.1	O
	11.16	11.89	31.2	O
	11.18	11.98	31.1	O
1033	9.08	9.45	10.4	W
	9.24	9.40	9.7	W
	11.11	9.45	10.5	W
	11.14	9.39	10.5	O
	11.16	9.43	11.7	O
	12.03	9.44	10.6	O
1034	5.06	37ʰ36	21°4	W
	5.07	37.36	22.1	W
	12.03	37.32	21.5	O
	12.25	37.36	22.0	O
	12.36	37.34	21.4	O
	12.97	37.33	22.2	W
1035	5.07	2.47	20.0	W
	5.15	2.47	19.4	W
	5.15	2.48	20.0	W
	12.26	2.47	18.4	O
	13.19	2.48	20.0	O
	13.21	2.42	18.8	O
1036	9.23	22.01	40.4	W
	11.10	22.02	39.7	W
	11.11	21.93	39.6	W
	11.13	22.02	39.2	O
	11.14	21.97	39.5	O
	12.05	21.95	39.8	O
1037	11.10	24.38	22.4	W
	11.12	24.23	24.1	W
	11.12	24.46	23.6	W
	11.13	24.37	22.8	O
	11.15	24.33	23.4	O
	12.05	24.36	23.1	O
1038	2.21	42.39	32.7	O
	2.21	42.42	32.9	O
	5.06	42.44	32.3	W
	5.07	42.38	32.8	W
	5.11	42.39	31.9	W
	5.21	42.44	33.3	O
1039	2.10	1.05	24.1	O
	2.11	0.99	23.5	O
	2.14	1.05	23.2	O
	5.15	0.98	25.5	W
	5.19	0.96	25.6	W
	5.99	0.97	25.6	W
	5.99	1.01	24.8	W
1040	4.14	1.19	31.3	O
	4.14	1.23	30.5	O
	5.06	1.11	31.2	W
	5.15	1.19	32.7	W
	5.16	1.20	32.2	W
	12.03	1.19	30.6	O
1041	9.24	42.54	55.5	W
	11.11	42.52	53.9	W
	11.11	42.51	54.4	W
	11.16	42.53	54.9	O
	11.16	42.51	56.3	O
	12.03	42.55	55.4	O
1042	9.23	1ʰ55	57°4	W
	11.08	1.49	59.0	W
	11.10	1.53	57.2	W
	11.11	1.58	57.2	W
	11.13	1.57	57.6	O
	11.14	1.56	57.4	O
	11.14	1.47	57.8	O
1043	5.05	23.09	43.1	W
	5.06	23.07	43.3	W
	5.07	23.06	43.4	W
	12.25	23.09	43.3	O
	12.26	23.09	43.1	O
	12.26	23.09	43.3	O
1044	5.07	49.09	30.7	W
	5.11	49.08	31.3	W
	5.15	49.05	30.0	W
	5.21	49.10	30.8	O
	13.22	49.06	30.3	O
	13.23	49.04	29.7	O
1045	4.14	55.64	11.1	O
	4.14	55.69	10.9	O
	5.15	55.63	11.9	W
	5.16	55.67	13.0	W
	5.19	55.66	12.7	W
	5.20	55.66	11.0	O
1046	9.24	59.10	20.7	W
	11.12	59.13	21.9	W
	11.15	59.05	21.8	O
	12.05	59.06	21.7	O
	12.05	59.10	21.8	O
	12.97	59.01	21.3	W
1047	11.10	25.43	14.7	W
	11.11	25.47	15.2	W
	12.03	25.51	14.9	O
	12.03	25.51	15.1	O
	12.26	25.51	15.7	O
	12.97	25.47	16.4	W
1048	11.16	0.10	30.5	O
	13.02	0.09	29.8	W
	13.13	0.09	30.2	W
	13.14	0.10	31.0	W
	13.19	0.15	30.7	O
	13.25	0.06	31.0	O
1049	5.05	0.21	28.7	W
	5.06	0.27	28.9	W
	5.07	0.22	29.0	W
	11.18	0.16	—	O
	13.25	0.21	28.5	O
	13.25	0.23	28.9	O
	13.91	0.23	28.4	O
1050	5.11	5ʰ08	27°4	W
	5.15	5.05	26.9	W
	13.17	5.05	27.2	W
	13.92	4.99	27.1	O
	13.94	4.99	28.0	O
	13.95	4.94	27.4	O
1051	11.12	20.23	11.8	W
1052	12.26	23.35	42.5	O
	13.23	23.43	46.1	W
	13.24	23.39	44.4	W
	13.24	23.43	45.6	W
	14.12	23.45	43.3	O
	14.13	23.39	43.9	O
1053	12.26	35.04	59.8	O
	13.24	35.03	61.1	W
	13.25	35.09	60.3	W
	13.26	35.05	60.6	W
	14.13	35.10	61.6	O
	14.13	35.01	60.0	O
1054	11.10	14.27	18.8	W
	11.13	14.30	19.1	O
	11.14	14.27	18.5	O
	13.14	14.28	19.5	W
	13.17	14.26	19.5	W
	13.25	14.30	19.8	O
1056	5.15	24.71	51.7	W
	5.15	24.75	53.1	W
	5.16	24.78	52.9	W
	13.22	24.71	51.9	O
	13.23	24.74	52.1	O
	13.25	24.74	51.6	O
1057	9.23	1.54	46.0	W
	12.05	1.59	44.4	O
	13.13	1.61	45.2	W
	13.19	1.57	44.9	O
	13.23	1.64	46.0	W
	13.91	1.57	43.7	O
1058	13.25	10.44	22.8:	W
	13.25	10.45	23.7:	O
	13.26	10.49	22.6	W
	13.26	10.59	22.0	W
	13.92	10.47	21.7	O
	13.95	10.43	22.3	O
	14.13	10.37	20.9:	O
1059	13.24	12.23	49.4	W
	13.24	12.26	49.5	W
	13.25	12.27	48.8	O
	13.25	12.23	50.1	W
	13.94	12.15	48.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1060	13.25	18h26	9°4	W
	13.25	18.30	9.6	O
	13.26	18.22	8.9	W
	14.12	18.31	7.8	O
	14.13	18.23	9.2	O
	14.17	18.19	9.6	W
1061	13.22	19.31	23.9	O
	13.23	19.28	24.9	O
	13.23	19.30	26.6	W
	14.14	19.35	24.9	O
	14.18	19.29	24.9	W
	14.22	19.32	25.4	W
1062	5.07	37.54	16.4	W
	5.11	37.51	15.6	W
	5.15	37.51	14.7	W
	12.26	37.56	(13.1)	O
	12.27	37.53	15.4	O
	13.21	37.57	15.1	O
1063	11.10	39.94	55.3	W
	11.11	39.85	54.4	W
	11.16	39.94	55.1	O
	12.03	39.99	55.3	O
	13.10	39.93	55.3	W
	13.22	39.95	54.8	O
1064	12.26	42.93	58.3	O
	13.14	42.92	59.5	W
	13.24	42.96	60.0	W
	13.24	42.95	59.5	W
	13.94	42.88	59.1	O
	14.13	42.91	59.8	O
1065	13.92	21.48	24.4	O
1066	9.25	29.99	34.6	W
1067	9.24	1.68	52.1	W
	11.13	1.69	51.0	O
	11.14	1.73	51.3	O
	12.31	1.70	51.4	O
	12.97	1.71	53.2	W
	13.13	1.70	51.7	W
1068	4.14	7.11	27.4	O
	4.14	7.10	27.2	O
	5.05	7.06	26.7	W
	5.07	7.02	27.6	W
	5.11	7.04	26.3	W
	5.21	7.08	26.2	O
1069	11.10	22.35	59.2	W
	11.14	22.31	58.5	O
	11.15	22.32	58.5	O
	12.05	22.31	58.1	O
	12.97	22.42	—	W
	12.97	22.35	58.6	W
	13.02	22.27	59.7	W
1070	9.23	12h15	58°2	W
	9.25	12.15	58.1	W
	11.11	12.23	59.3	W
	11.13	12.21	59.3	O
	11.14	12.14	(61.1)	O
	11.18	12.20	57.9	O
1071	11.12	42.51	1.9	W
	11.16	42.45	1.2	O
	11.16	42.49	1.7	O
	12.03	42.51	2.7	O
	13.10	42.49	2.1	W
	13.13	42.39	3.3	W
1072	2.10	53.19	5.1	O
	2.11	53.19	5.9	O
	2.14	53.17	5.6	O
	5.05	53.14	6.2	W
	5.07	53.20	5.6	W
	5.11	53.19	5.5	W
1073	11.10	9.16	37.0	W
1074	11.11	22.89	3.5	W
	11.11	22.84	3.5	W
	12.25	22.81	3.3	O
	12.26	22.81	3.1	O
	12.26	22.84	2.9	O
	12.97	22.81	3.5	W
1075	5.07	28.19	5.1	W
	5.15	28.19	5.0	W
	5.15	28.21	5.1	W
	5.20	28.18	4.5	O
	5.21	28.19	4.8	O
	5.21	28.23	4.6	O
	5.21	28.19	5.3	O
1076	2.19	12.61	36.2	O
	2.19	12.60	35.9	O
	2.19	12.63	36.2	O
	5.05	12.66	36.5	W
	5.07	12.58	34.7	W
	5.11	12.59	36.6	W
1077	5.15	53.31	44.2	W
	5.15	53.29	45.3	W
	5.16	53.22	45.9	W
	12.27	53.28	(41.4)	O
	12.27	53.33	44.1	O
	13.19	53.26	42.7	O
1078	5.05	17.26	56.0	W
	5.07	17.24	55.1	W
	5.11	17.23	56.4	W
	12.26	17.22	54.5	O
	12.26	17.24	53.9	O
	13.22	17.16	54.5	O
1079	5.19	10h52	20°4	W
	5.21	10.47	20.7	O
	5.21	10.51	20.2	O
	5.21	10.48	20.6	O
	5.99	10.48	20.2	W
	11.18	10.51	19.0	O
1080	11.10	29.64	3.9	W
1081	5.11	30.06	39.4	W
	5.15	30.23	38.1	W
	5.15	30.18	37.6	W
	12.25	30.17	38.3	O
	12.26	30.14	38.0	O
	13.22	30.17	38.6	O
1082	5.05	3.87	50.1	W
	5.07	3.91	50.8	W
	5.07	3.93	49.2	W
	5.23	3.94	49.1	O
	5.26	3.90	50.0	W
	12.25	3.78	48.8	O
1083	2.14	40.95	39.0	O
	2.19	40.93	39.9	O
	2.19	40.98	39.6	O
	5.15	40.96	40.0	W
	5.16	40.90	41.8	W
	5.19	40.95	40.1	W
1084	9.23	47.32	55.9	W
	9.24	47.30	56.0	W
	11.13	47.31	55.6	O
	11.13	47.26	55.3	O
	11.14	47.29	55.6	O
	12.97	47.26	55.6	W
1085	5.07	20.71	43.7	W
	5.11	20.80	44.3	W
	5.15	20.71	44.6	W
	5.21	20.65	43.9	O
	5.21	20.71	44.4	O
	5.26	20.67	43.8	W
1086	9.25	42.96	—	W
	11.10	42.90	15.9	W
	11.11	42.91	15.8	W
	11.12	42.89	15.5	W
	11.14	42.90	16.0	O
	11.15	42.92	16.3	O
	11.16	42.89	—	O
	12.27	42.96	16.5	O
1087	9.25	35.15	24.8	W
	11.08	35.19	24.8	W
	11.11	35.08	24.7	W
	11.12	35.11	25.3	W
	11.15	35.16	25.2	O
	11.16	35.21	24.8	O
	11.16	35.12	24.8	O
1088	2.10	38h31	25°2	O
	2.11	38.33	23.2	O
	3.19	38.25	—	O
	5.05	38.30	26.3	W
	5.06	38.29	25.3	W
	5.07	38.23	25.0	W
	12.25	38.25	24.8	O
1089	11.11	52.24	21.1	W
	12.03	52.11	22.6	O
	12.05	52.12	24.7	O
	12.05	52.18	24.0	O
	12.97	52.14	23.0	W
	13.14	52.19	23.6	W
1090	5.99	8.97	27.6	W
	9.24	9.02	25.4	W
	11.18	8.90	—	O
	11.20	8.98	28.0	O
	12.26	—	27.2	O
	13.10	8.93	28.0	W
	13.19	8.84	27.0	O
1091	11.13	11.82	42.4	O
	11.15	11.86	41.4	O
	11.18	11.94	43.1	O
	12.97	11.92	42.9	W
	13.02	11.90	42.3	W
	13.17	11.86	42.5	W
1092	9.23	43.23	57.0	W
	11.11	43.21	56.0	W
	11.14	43.27	56.2	O
	12.26	43.25	55.8	O
	13.22	43.26	56.5	O
	13.23	43.24	57.5	W
1093	2.14	46.10	7.6	O
	2.19	46.17	8.3	O
	2.19	46.16	7.5	O
	5.05	46.12	8.6	W
	5.06	46.13	8.3	W
	5.07	46.15	8.5	W
1094	5.99	10.29	48.1	W
	9.24	10.19	46.9	W
	11.10	10.25	48.7	W
	11.13	10.22	47.8	O
	11.14	10.22	48.0	O
	11.14	10.24	47.5	O
1095	2.21	53.87	47.7	O
	5.06	53.98	47.7	W
	5.07	54.02	47.2	W
	5.07	53.89	47.9	W
	5.20	53.95	46.8	O
	5.21	53.99	48.1	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.	No. des Sterns	1880 + Epoche	α 1890.0	δ 1890.0	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1096	2.19	55ˢ.83	20″.4	O	1104	11.16	48ˢ.69	35″.1	O	1112	2.10	45ˢ.30	9″.6	O	1120	9.23	31ˢ.67	29″.5	W
	5.05	55.82	20.2	W		11.18	48.74	36.3	O		2.11	45.34	9.9	O		9.25	31.66	29.5	W
	5.06	55.81	20.9	W		12.05	48.67	36.2	O		2.14	45.35	9.9	O		11.13	31.68	28.6	O
	5.07	55.83	20.7	W		12.97	48.64	37.0	W		5.05	45.25:	10.7	W		11.13	31.69	29.4	O
	5.21	55.80	19.8	O		12.97	48.67	36.6	W		5.06	45.34	10.4	W		11.14	31.72	29.0	O
	5.23	55.83	19.7	O		13.02	48.68	36.1	W		5.07	45.35	11.1	W		11.14	31.72	29.8	O
1097	9.23	30.71	50.2	W	1105	12.03	52.13	52.7	O	1113	11.11	54.36	34.4	W	1121	5.05	21.03	33.4	W
	9.24	30.65	48.9	W		12.05	52.15	52.5	O		11.12	54.36	33.9	W		12.03	21.05	36.3	O
	11.08	30.65	50.3	W		12.25	52.19	53.1	O		11.12	54.39	34.6	W		12.27	21.00	36.2	O
	11.10	30.74	50.0	W		13.14	52.22	52.1	W		11.15	54.36	34.9	O		12.27	21.04	34.5	O
	11.13	30.67	48.9	O		13.17	52.13	53.3	W		11.15	54.38	35.7	O		13.02	21.05	37.8	W
	11.13	30.68	48.9	O		13.23	52.18	52.5	W		11.16	54.35	35.2	O		13.13	21.03	36.6	W
	11.14	30.67	49.2	O															
					1106	5.05	11.94	35.1	W										
1098	2.19	38.43	27.1	O		5.06	11.99	35.8	W	1114	12.25	11.61	34.9	O	1122	11.10	45.24	27.4	W
	5.07	38.40	26.8	W		5.07	11.97	36.3	W		12.26	11.59	36.2	O		11.10	45.29	28.1	W
	5.15	38.47	27.4	W		5.20	11.85	36.0	O		12.26	11.64	34.6	O		11.11	45.26	27.2	W
	5.15	38.50	28.1	W		5.21	11.97	37.1	O		12.97	11.55	34.8	W		12.25	45.19	28.1	O
	5.20	38.47	26.9	O		5.21	11.99	36.4	O		12.97	11.60	34.4	W		12.27	45.28	27.4	O
	12.25	38.47	28.0	O		5.21	11.85	37.2	O		13.24	11.56	34.4	W		13.23	45.33	28.0	O
1099	9.25	49.02	49.6	W	1107	2.17	36.22	38.2	O	1115	11.08	5.17:	42.9	W	1123	5.06	56.57	13.9	W
	11.10	48.97	50.9	W		2.19	36.23	38.6	O		11.16	5.24	41.2	O		5.07	56.61	14.4	W
	11.11	48.98	49.3	W		2.19	36.28	37.6	O		11.18	5.22	40.9	O		5.11	56.62	14.7	W
	11.14	49.01	50.3	O		5.07	36.26	39.4	W		11.18	5.23	41.6	O		12.25	56.65	14.3	O
	11.14	48.95	50.7	O		5.11	36.26	39.2	W		12.03	5.21	41.0	O		13.22	56.68	13.9	O
	11.15	49.04	49.8	O		5.15	36.23	39.1	W		13.10	5.23	42.4	W		13.22	56.65	14.5	O
1100	5.15	57.44	2.0	W		5.15	36.21	39.6	W										
	5.19	57.45	2.5	W						1116	2.19	11.14	56.9	O	1124	5.15	6.01	41.8	W
	5.21	57.42	1.1	O	1108	5.25	49.79	56.6	O		5.06	11.18	57.9	W		12.27	5.91	41.5	O
	5.21	57.48	1.1	O		9.23	49.82	56.9	W		5.07	11.18	58.4	W		13.17	5.96	40.5	W
	5.25	57.46	1.4	W		9.25	49.80	56.7	W		5.11	11.13	58.5	W		13.19	5.95	42.3	O
	5.26	57.43	1.4	W		11.11	49.83	57.5	W		5.20	11.08	56.5	O		13.19	5.85:	42.2	O
	11.18	57.47	1.7	O		11.13	49.91:	56.3	O		5.21	11.11	56.8	O		13.23	5.99	42.7	W
	12.05	57.46	1.0	O		11.13	49.79	56.0	O		12.26	11.03	54.7	O					
1101	2.21	0.56	7.8	O	1109	11.10	5.22	50.6	W	1117	2.19	23.24	19.8:	O	1125	12.97	7.73	36.2	W
	5.05	0.54	9.1	W		11.10	5.26	50.0	W		5.15	23.05	21.8	W		12.97	7.72	36.2	W
	5.07	0.59	9.3	W		11.14	5.23	49.7	O		5.15	23.16	22.3	W		13.21	7.72	35.9	O
	5.16	0.55	10.4	W		11.14	5.24	50.1	O		5.19	23.18	21.5	W		13.24	7.78	35.7	W
	11.20	0.55	12.3	O		11.15	5.21	49.0	O		5.20	23.16	22.5	O		13.25	7.71	34.5	O
	12.03	0.53	11.6	O		13.02	5.16:	50.4	W		5.21	23.14	21.3	O		13.25	7.71	35.5	O
1102	2.10	18.13	22.4	O	1110	12.03	10.15	20.8	O										
	2.11	18.10	21.3	O		12.26	10.14	—	O	1118	12.05	24.95	33.9	O	1126	11.11	51.56	47.5	W
	2.14	18.12	22.3	O		12.27	10.17	21.3	O		12.05	24.93	33.5	O		11.12	51.58	47.7	W
	5.06	18.08	23.8	W		12.27	10.16	20.9	O		12.27	24.94	33.6	O		11.12	51.56	47.3	W
	5.99	18.08	23.6	W		13.24	10.08	22.1	W		13.17	24.87:	34.9	W		11.14	51.60	46.6	O
	12.97	17.97	25.3	W		13.24	10.10	21.8	W		13.24	24.93	34.3	W		13.25	51.48	47.0	W
						13.25	10.06	20.7	W		13.25	24.95	34.2	W		13.25	51.53	47.4	O
1103	11.11	2.72	46.8	W															
	11.12	2.72	46.2	W	1111	11.20	24.77	8.2	O	1119	2.21	27.25	26.3	O	1128	12.27	18.90	9.8	O
	11.12	2.70	46.5	W		11.25	24.78	8.4	O		5.15	27.32	26.4	W		13.22	18.86	9.4	O
	11.15	2.70	47.0	O		12.27	24.70	7.6	O		5.25	27.31	29.0:	O		13.22	18.87	10.3	O
	11.15	2.71	46.2	O		13.23	24.74	8.7	W		5.26	27.33	25.8	W		13.24	18.87	11.2	W
	11.16	2.65:	46.7	O		13.25	24.72	9.1	W		5.99	27.30	25.9	W		13.25	18.96	11.3	W
	13.10	2.72	47.6	W		13.26	24.76	8.7	W		13.19	27.38	27.4	O		13.26	18.90	10.6	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1129	12.26	57ᵐ39	35°5	O
	13.23	57.41	34.4	O
	13.23	57.46	33.9	W
	13.24	57.47	34.4	W
	13.25	57.41	34.0	W
	13.25	57.40	35.5	O
1130	5.11	16.17	19.0	W
	12.27	16.15	17.4	O
	13.02	16.14	20.0	W
	13.25	16.20	18.4	O
	13.25	16.25:	18.2	O
	13.25	16.14	20.7	W
1131	11.10	29.37	33.9	W
	11.11	29.28	34.0	W
	11.13	29.28	32.6	O
	11.15	29.33	32.4	O
	12.03	—	32.4	O
	12.26	29.34	—	O
	12.26	29.28	31.0	W
1132	11.10	52.46	51.4	W
	12.25	52.46	50.0	O
	12.26	52.43	49.9	O
	12.97	52.46	51.5	W
	13.22	52.48	50.2	O
	13.24	52.43	51.1	W
1133	12.27	8.25	2.5	O
	12.97	8.25	4.3	W
	13.22	8.26	2.4	O
	13.25	8.22	3.2	W
	13.25	8.27	2.8	O
	13.26	8.22	3.7	W
1134	5.06	11.37	5.0	W
	5.07	11.36	5.2	W
	5.15	11.38	5.3	W
	12.25	11.36	4.7	O
	12.27	11.38	5.6	O
	13.19	11.26	5.9	O
1135	12.05	22.61	29.5	O
	13.17	22.63	29.8	W
	13.23	22.60	27.9	O
	13.24	22.61	29.4	W
	13.26	22.61	28.8	W
1136	2.19	56.08	10.6	O
	2.19	56.06	10.6	O
	2.27	56.12	10.7	O
	5.07	55.98	10.2	W
	5.11	55.99	11.4	W
	5.15	56.00	11.2	W
1137	9.25	0ᵐ59	9°6	W
	11.11	0.50	9.7	W
	11.12	0.51	9.8	W
	11.16	0.47	9.7	O
	12.05	0.50	10.5	O
	12.26	0.45	10.2	O
1138	12.27	6.68	49.1	O
1139	11.12	27.12	45.9	W
	11.14	27.07	46.8	O
	11.14	27.07	46.8	O
	11.15	27.04	46.8	O
	13.23	26.97:	47.0	W
	13.25	27.07	46.5	W
1140	11.16	39.53	38.3	O
	11.16	39.55	39.0	O
	11.16	39.56	38.7	O
	13.10	39.58	39.0	W
	13.14	39.51	39.0	W
	13.24	39.59	39.3	W
1141	2.17	54.15	36.3	O
	2.19	54.23	37.4	O
	2.19	54.20	37.8	O
	3.10	54.15	37.9	W
	5.06	54.18	37.5	W
	5.07	54.16	38.2	W
	5.19	54.15	38.0	W
	5.21	54.19	38.3	O
	5.21	54.11	38.0	O
	5.21	54.18	37.8	O
	5.25	54.16	37.9	O
	5.25	54.07	37.7	W
	5.25	54.15	—	W
1142	2.10	45.60	44.9	O
	2.11	45.59	45.1	O
	2.14	45.62	45.0	O
	5.08	45.60	45.1	W
	5.11	45.52:	45.5	W
	5.15	45.58	45.3	W
1143	11.10	0.59	17.7	W
	11.10	0.62	18.4	W
	11.11	0.59	18.5	W
	11.13	0.59	18.4	O
	11.13	0.61	17.6	O
	11.20	0.59	18.7	O
	12.03	—	18.7	O
1144	11.11	11.28	21.4	W
	11.14	11.24	20.1	O
	11.15	11.29	20.7	O
	12.05	11.26	20.1	O
	12.97	11.24	20.1	W
	12.97	11.25	20.8	W
1145	9.25	50ᵐ51	10°8	W
	11.11	50.55	10.4	W
	11.12	50.53	10.3	W
	11.14	50.53	9.7	O
	11.15	50.51	10.2	O
	11.15	50.46:	9.9	O
1146	2.19	6.72	21.8	O
	2.19	6.65	22.5	O
	2.19	6.73	22.3	O
	5.06	6.65	22.3	W
	5.07	6.70	22.5	W
	5.07	6.78	23.2	W
1147	11.12	8.91	36.2	W
	11.15	8.96	35.5	O
	11.16	8.92	35.6	O
	11.16	8.91	36.2	O
	13.02	8.98	36.3	W
	13.10	8.94	35.3	W
1148	11.11	43.13	53.8	W
	11.13	43.15	53.5	O
	11.13	43.14	52.9	O
	11.16	43.09	54.0	O
	12.05	43.15	52.8	O
	13.17	43.13	53.3	W
	13.24	43.08	—	W
1149	11.15	49.53	8.5	O
	12.03	—	9.5	O
	12.25	49.56	9.0	O
	12.26	49.54	—	O
	12.97	49.52	9.1	W
	13.23	49.57	9.3	W
	13.24	49.52	9.5	W
1150	2.21	59.30	6.2	O
	2.27	59.35	6.6	O
	5.07	59.32	6.2	W
	5.08	59.36	7.9	W
	5.11	59.32	7.3	W
	5.20	59.32	5.9	O
1151	12.25	7.84	29.8	O
	12.26	7.84	30.9	O
	12.26	7.87	29.4	O
	13.24	7.81	30.4	W
	13.24	7.75:	30.1	W
	13.26	7.89	30.0	W
1152	2.17	27.84	35.8	O
	2.18	27.85	36.0	O
	2.19	27.84	35.9	O
	3.10	27.81	36.2	W
	5.15	27.83	36.3	W
	5.15	27.85	35.9	W
1153	2.10	56ᵐ26	29°8	O
	2.11	56.29	29.7	O
	2.14	56.35	29.7	O
	5.15	56.25	61.3	W
	13.23	56.12	60.8	W
	13.25	56.10	60.0	W
1154	5.05	4.86	38.4	W
	5.07	4.94	37.6	W
	5.11	4.90	38.2	W
	5.21	4.88	37.4	O
	5.21	4.87	38.5	O
	5.21	4.88	38.3	O
1156	11.13	58.66	3.8	O
	11.13	58.63	4.1	O
	11.18	58.69	3.9	O
	13.02	58.70	5.5	W
	13.24	58.71	5.3	W
	13.24	58.64	5.5	W
1157	12.97	25.65	—	W
	13.17	25.66	—	W
	13.23	25.65	—	W
1158	11.15	27.60	—	O
	12.03	—	26.8	O
	12.05	27.67	26.1:	O
	12.26	27.67	28.2	O
	12.97	27.65	27.2	W
	13.18	27.65	28.3	W
	13.23	27.67	28.0	W
1159	2.10	38.14	5.7	O
	2.11	38.18	5.7	O
	2.14	38.16	6.3	O
	3.10	38.14	6.9	W
	5.05	38.19	6.8	W
	5.07	38.14	6.2	W
	5.08	38.16	6.4	W
1160	9.23	55.34	39.2	W
	9.25	55.27	39.2	W
	11.16	55.27	38.3	O
	11.16	55.30	37.8	O
	11.18	55.27	37.5	O
	12.05	55.30	38.9	O
1161	11.11	31.76	43.8	W
	11.12	31.74	42.4	W
	11.12	31.72	43.4	W
	11.15	31.73	42.3	O
	11.15	31.74	42.8	O
	11.15	31.81:	43.2	O
1162	11.10	55.60:	24.3	W
	11.11	55.48	23.2	W
	11.11	55.50	23.3	W
	11.16	55.50	24.7	O
	12.25	55.50	24.6	O
	12.25	55.49	22.8	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1163	12.07	37ʰ12	20″3	W	1172	5.05	47ʰ42	6″7	W	1182	11.13	35ʰ17	57″2	O	1192	2.21	26ʰ27	17″1	O
						5.07	47.34	6.0	W		11.14	35.13	57.6	O		5.08	26.08	17.0	W
1164	9.23	49.29	1.7	W		5.07	47.37	7.0	W		11.15	35.16	57.4	O		5.11	26.62	16.3	W
	9.25	49.27	1.2	W		5.20	47.39	5.9	O		13.23	35.07	57.0	W		5.15	26.66	16.6	W
	11.13	49.27	0.2	O		11.18	47.07	5.7	O		13.24	35.13	58.0	W		5.20	26.69	16.4	O
	11.14	49.24	0.9	O		11.20	47.14	5.6	O		13.24	35.06	58.3	W		5.21	26.66	16.2	O
	11.16	49.30	0.7	O															
	12.07	49.23	1.4	W	1173	11.11	52.67	45.2	W	1183	5.05	50.05	8.0	W					
						11.13	52.65	44.8	O		5.08	50.08	7.6	W	1193	11.10	31.04	59.8	W
1165	2.19	36.90	25.3	O		11.14	52.66	45.1	O		5.11	50.09	7.3	W		11.11	31.01	60.6	W
	2.19	37.00	25.5	O		11.14	52.64	45.3	O		5.15	50.06	6.5	W		11.12	31.04	60.0	W
	2.19	37.04	25.0	O		13.02	52.62	45.6	W		5.21	50.03	6.6	O		11.13	31.02	60.1	O
	3.00	36.98	25.9	W		13.17	52.64	45.0	W		5.21	50.08	6.9	O		11.15	31.02	60.6	O
	5.05	37.01	25.8	W							5.21	50.02	7.2	O		11.15	31.00	60.9	O
	5.07	36.97	25.2	W	1174	2.19	27.75	58.6	O										
	5.07	37.00	25.6	W		2.19	27.73	58.8	O	1184	11.15	15.52	(13.0)	O					
						2.19	27.73	59.1	O		11.16	15.50	10.3	O	1194	5.16	50.06	39.8	W
1166	2.21	7.30	57.6	O		3.10	27.76	59.4	W		11.20	15.53	10.7	O		5.19	50.11	39.9	W
	2.27	7.24	56.6	O		5.05	27.75	59.9	W		12.05	—	9.9	O		5.21	50.06	39.3	O
	5.08	7.30	57.0	W		5.08	27.76	58.8	W		12.05	15.51	9.9	O		5.21	50.07	38.8	O
	5.11	7.27	56.9	W		5.11	27.72	60.2	W		12.25	—	9.8	O		5.23	50.05	38.3	O
	5.15	7.23	56.8	W							13.24	15.55	11.5	W		13.23	50.09	39.0	W
	5.19	7.26	—	O							13.24	15.59	12.1	W					
	5.20	7.28	57.0	O	1175	11.10	34.33	21.0	W										
										1185	2.21	53.67	3.2	O	1195	11.12	6.12	(3.6)	W
1167	11.10	9.22	18.2	W	1176	13.21	43.00	2.3	O		2.27	53.77	2.2	O		11.14	6.08	1.2	O
	11.11	9.30	18.8	W		13.22	43.05	2.2	O		5.07	53.76	2.3	W		11.16	6.10	2.0	O
	11.11	9.32	18.0	W		13.22	43.05	2.3	O		5.11	53.80	2.1	W		11.16	6.17	1.4	O
	11.13	9.24	18.2	O		13.24	43.04	2.1	W		5.16	53.78	2.8	W		13.02	6.10	1.7	W
	11.15	9.23	18.3	O		13.24	43.04	1.3	W		5.19	53.79	3.2	O		13.23	6.11	1.4	W
	11.15	9.27	18.1	O		13.24	43.07	1.9	W										
						13.25	43.01	0.9	O	1186	12.26	7.24	27.2	O	1196	5.19	7.45	19.8	O
1168	11.12	16.23	18.1	W							12.26	7.23	25.9	O		11.20	7.40	17.6	O
	11.15	16.22	16.8	O	1177	11.11	56.01	36.2	W		12.27	7.23	26.2	O		12.25	7.44	18.0	O
	11.16	16.24	16.8	O		11.11	56.01	36.0	W		13.02	7.12	27.8	W		13.24	7.49	19.0	W
	11.18	16.26	15.7	O		11.15	55.96	33.6	O		13.17	7.14	26.8	W		13.25	7.47	20.0	W
	13.02	16.31	15.3	W		11.15	56.03	33.8	O		13.23	7.22	26.2	W		13.25	7.42	19.5	W
	13.17	16.28	15.7	W		12.25	56.02	33.5	O										
						13.23	55.97	34.4	W	1187	11.11	43.68	39.9	W					
1169	9.23	31.02	28.0	W							11.12	43.64	40.0	W	1197	2.10	54.81	0.8	O
	11.12	31.88	28.5	W	1179	5.05	39.05	11.4	W		11.12	43.70	41.4	W		2.11	54.82	0.0	O
	11.16	31.92	27.7	O		5.07	39.02	11.5	W		11.14	43.67	39.8	O		2.14	54.79	1.2	O
	12.03	—	28.1	O		5.11	39.06	12.4	W		11.15	43.66	39.9	O		5.08	54.67	1.4	W
	12.05	31.94	27.6	O		5.21	39.05	11.8	O		11.16	43.62	39.6	O		5.11	54.81	0.7	W
	12.25	31.90	—	O		5.21	39.02	10.6	O							5.15	54.80	0.3	W
	12.27	31.91	27.4	W		5.21	39.04	11.6	O	1188	12.25	47.71	47.3	O					
1170	5.05	34.07	20.3	W	1180	9.23	52.35	2.0	W	1190	11.11	58.24	49.4	W	1198	11.10	6.96	14.1	W
	5.07	34.04	19.3	W		9.25	52.40	3.6	W		11.14	58.28	47.9	O		11.11	6.88	14.1	W
	5.11	34.01	20.5	W		11.11	52.38	2.6	O		11.16	58.31	47.8	O		11.11	6.96	13.8	W
	5.21	34.03	29.2	O		11.13	52.40	1.7	O		11.16	58.21	48.1	O		11.14	7.01	14.3	O
	5.21	34.04	20.3	O		11.14	52.31	2.5	O		13.02	58.22	49.8	W		11.15	6.95	14.2	O
	5.21	34.09	20.8	O		11.16	52.32	1.8	W		13.17	58.30	49.6	W		11.15	6.95	14.4	O
1171	11.13	29.09	19.8	O	1181	11.12	1.46	21.1	W	1191	9.25	52.84	6.8	W	1199	9.18	29.13	3.6	W
	11.16	29.09	19.4	O		11.12	1.42	20.9	W		11.10	52.76	5.9	W		9.25	29.17	3.1	W
	12.05	29.07	18.5	O		11.14	1.44	21.3	W		11.11	52.75	5.9	W		11.10	29.16	3.2	W
	12.07	29.07	20.0	W		11.15	1.47	21.5	O		11.14	52.81	5.6	O		11.13	29.14	2.1	O
	13.23	29.08	19.4	W		11.16	1.39	20.5	O		11.15	52.81	5.4	O		11.13	29.16	2.2	O
	13.23	29.03	19.6	W		13.02	1.43	(19.0)	O		11.18	52.76	6.5	O		11.14	29.13	2.6	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1200	2.17	28ʰ18	51°4	O
	2.19	28.12	51.5	O
	3.10	28.09	51.4	W
	5.11	28.24	49.8	W
	5.16	28.18	51.7	W
	5.20	28.15	52.1	O
1201	5.07	23.87	11.5	W
	5.08	23.84	12.2	W
	5.11	23.84	12.4	W
	5.19	23.81	12.1	O
	5.21	23.86	11.7	O
	5.21	23.86	11.5	O
1202	2.21	23.99	60.0	O
	5.05	23.98	59.7	W
	5.15	24.02	60.3	W
	5.19	24.02	59.9	W
	5.23	24.04	60.3	O
	5.25	24.01	60.6	O
1203	5.05	42.08	47.2	W
	5.11	42.07	46.2	W
	5.21	41.99	46.3	O
	12.26	42.05	47.1	O
	12.27	41.94	46.2	O
	13.17	41.94	47.6	W
1204	4.14	50.93	13.9	O
	4.14	50.92	13.9	O
	12.25	50.90	12.9	O
	13.23	50.85	14.8	W
	13.24	50.89	15.2	W
	13.25	50.89	12.8	W
1205	9.18	59.29	38.1	W
	9.25	59.31	37.8	W
	11.10	59.31	37.5	W
	11.13	59.27	37.8	O
	11.14	59.32	(40.2)	O
	11.14	59.30	38.4	O
1206	13.22	1.06	60.4	O
	13.22	1.13	61.3	O
	13.23	1.11	59.8	O
	13.24	1.14	61.8	W
	13.24	1.14	61.4	W
	13.26	1.14	60.9	W
1207	11.18	1.40	32.8	O
	11.20	1.39	31.2	O
	12.27	1.38	32.5	O
	13.01	1.39	31.6	W
	13.23	1.30	32.5	W
	13.26	1.47	32.2	W
1208	2.10	2ʰ43	41°7	O
	2.11	2.44	41.3	O
	2.14	2.40	41.0	O
	13.23	2.39	42.8	W
	13.24	2.40	43.7	W
	13.26	2.43	43.1	W
1209	2.19	20.72	32.8	O
	3.10	20.76	32.4	W
	5.07	20.74	33.2	W
	5.16	20.76	33.1	W
	5.20	20.72	32.6	O
	5.21	20.78	32.4	O
1210	11.10	34.49	25.7	W
	11.11	34.28	26.2	W
	11.11	34.43	26.3	W
	11.13	34.45	26.0	O
	11.14	34.40	27.7	O
	11.15	34.44	26.5	O
1211	2.17	50.27	57.2	O
	2.19	50.27	56.5	O
	2.19	50.23	56.9	O
	5.08	50.17	58.8	W
	5.11	50.25	57.5	W
	12.97	50.28	57.8	W
1212	5.05	50.75	25.8	W
	5.07	50.75	26.0	W
	5.07	50.82	26.1	W
	5.19	50.79	26.8	O
	5.21	50.77	27.5	O
	5.21	50.77	27.6	O
	12.26	50.71	27.0	O
1213	5.11	9.45	37.7	W
	5.15	9.47	37.6	W
	5.19	9.45	37.9	W
	5.23	9.46	38.3	O
	12.26	9.40	—	O
1214	9.18	14.45	11.6	W
	9.23	14.50	11.5	W
	9.25	14.45	11.4	W
	11.13	14.48	10.4	O
	11.15	14.50	10.5	O
	11.15	14.48	10.5	O
1215	2.21	33.90	36.3	O
	2.27	33.87	36.3	O
	3.10	33.92	35.8	W
	5.05	33.87	35.5	W
	5.05	33.86	35.8	W
	5.20	33.91	35.9	O
1216	2.19	55ʰ80	37°8	O
	2.19	55.73	38.8	O
	2.19	55.76	38.4	O
	5.05	55.79	39.4	W
	5.07	55.77	39.4	W
	5.07	55.76	39.3	W
1217	11.10	45.55	54.6	W
	11.14	45.61	—	W
1218	2.10	27.51	55.0	O
	2.11	27.50	54.7	O
	2.14	27.56	54.8	O
	3.10	27.53	55.3	W
	5.05	27.57	57.3	W
	5.05	27.50	56.4	W
1219	9.25	33.88	43.7	W
	11.11	33.89	43.2	W
	11.13	33.90	43.4	O
	11.13	33.88	42.8	O
	11.14	33.90	43.1	O
	13.02	33.91	42.3	W
1221	2.17	33.25	30.3	O
	2.17	33.18	29.5	O
	2.19	33.20	29.6	O
	5.05	33.18	30.1	W
	5.07	33.21	31.2	W
	5.08	33.20	30.5	W
1222	5.24	53.44	44.4	O
	5.25	53.36	44.6	O
	11.11	53.36	44.0	W
	11.15	53.42	45.1	O
	12.97	53.37	41.9	W
	13.02	53.40	44.1	W
1223	2.19	59.86	42.0	O
	2.19	59.83	41.5	O
	2.19	59.88	42.9	O
	5.05	59.87	43.3	W
	5.07	59.79	42.8	W
	5.07	59.96	42.6	W
1224	9.18	25.07	45.6	W
	11.11	25.11	45.3	W
	11.11	25.12	45.6	W
	11.14	25.01	45.5	O
	11.15	25.10	45.3	O
	11.16	25.14	46.2	O
	11.16	25.14	46.0	O
1225	2.21	30.72	18.2	O
	2.27	30.63	18.4	O
	3.10	30.69	18.0	W
	5.05	30.59	19.2	W
	5.07	30.68	18.9	W
	5.19	30.60	18.3	W
	5.19	30.67	18.3	O
1226	11.10	59.07	45°1	W
	11.10	59.06	45.0	W
	11.12	59.06	44.3	W
	11.15	59.06	45.3	O
	11.16	59.11	44.9	O
	12.05	59.09	44.2	O
1227	11.12	0.10	34.1	W
	11.13	0.11	32.3	O
	11.13	0.15	32.9	O
	11.18	0.11	32.0	O
	13.17	0.19	33.0	W
	13.23	0.14	33.1	W
1228	11.20	3.77	30.2	O
	12.05	3.83	29.9	O
	12.25	3.78	28.4	O
	12.97	3.74	30.7	W
	13.23	3.79	30.2	W
	13.24	3.78	29.2	W
1229	5.10	8.26	50.5	W
	5.11	8.03	51.0	W
	5.21	8.05	50.0	O
	5.21	8.08	49.7	O
	5.23	8.05	50.0	O
1230	9.18	3.01	31.9	W
	11.11	3.06	31.8	W
	11.11	3.00	31.9	W
	11.14	3.00	31.7	O
	11.15	3.09	31.7	O
	12.05	2.97	31.0	O
1231	2.21	13.72	5.0	O
	12.26	13.65	4.0	O
	12.27	13.70	(7.3)	O
	13.23	13.64	4.0	W
	13.23	13.70	5.3	W
	13.24	13.72	5.4	W
1232	2.19	16.33	53.3	O
	11.20	16.24	52.6	O
	12.25	16.21	52.2	O
	13.24	16.26	54.1	W
	13.24	16.24	53.8	W
	13.25	16.25	53.6	W
1233	11.10	58.44	32.5	W
	11.10	58.44	34.0	W
	11.11	58.45	35.0	W
	11.13	58.42	33.6	O
	11.13	58.49	33.7	O
	11.15	58.46	33.6	O
1234	11.12	40.61	32.8	W
	11.14	40.58	33.4	O
	11.15	40.67	34.2	O
	11.16	40.63	34.1	O
	12.97	40.62	33.2	W
	13.23	40.54	33.1	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1860.0	δ 1860.0	Kr.
1235	2.27	47ʰ7ᵐ2ˢ	30°4	O
	5.05	47.59	31.0	W
	5.11	47.55	31.1	W
	5.16	47.57	30.0	W
	5.20	47.56	29.7	O
	5.21	47.52	30.1	O
1236	4.14	56.00	41.9	O
	4.14	55.96	40.6	O
	5.07	55.96	42.7	W
	5.08	56.02	43.6	W
	5.19	55.97	44.1	O
	13.23	55.88	44.1	W
1237	9.10	13.96	39.3	W
	11.12	13.95	41.6	W
	11.14	14.03	40.6	O
	11.16	13.94	39.6	O
	11.16	13.95	40.9	O
	12.97	13.99	40.1	W
1238	2.18	33.48	38.7	O
	2.19	33.50	39.6	O
	2.19	33.43	40.2	O
	3.10	33.45	41.3	W
	3.26	33.44	41.3	W
	5.05	33.48	40.1	W
1239	5.23	19.96	39.4	O
	5.25	19.91	38.9	O
	9.18	19.94	39.8	W
	11.12	19.93	39.4	W
	11.14	19.91	38.8	O
	12.97	19.91	40.3	W
1240	11.14	19.88	48.8	O
	11.15	19.85	49.6	O
	11.15	19.87	49.7	O
	12.28	19.86	49.4	W
	12.97	19.85	49.9	W
	13.02	19.83	49.3	W
1241	2.19	11.13	30.4	O
	2.19	11.12	31.0	O
	2.20	11.13	31.8	O
	3.26	11.08	30.9	W
	5.05	11.15	31.8	W
	5.07	11.16	30.0	W
1242	5.25	54.95	31.5	O
	9.18	54.91	31.2	W
	11.16	54.93	30.2	O
	11.16	54.97	30.5	O
	12.97	54.91	32.4	W
	13.17	54.95	33.4	W
1243	12.97	55ʰ4ᵐ0ˢ	23°8	W
	13.21	55.34	22.7	O
	13.22	55.37	23.3	O
	13.22	55.42	22.7	O
	13.23	55.37	24.2	W
	13.23	55.39	24.6	W
1244	5.23	20.62	13.0	O
	11.12	20.62	12.6	W
	11.14	20.62	11.0	O
	11.20	20.59	11.1	O
	13.24	20.57	12.9	W
	13.24	20.51	12.4	W
1245	11.14	25.37	24.1	O
	11.15	25.36	24.0	O
	12.26	25.40	24.3	O
	12.28	25.35	24.6	W
	13.25	25.32	24.7	W
	13.26	25.29	25.3	W
1246	11.11	31.33	42.9	W
	11.14	31.29	43.6	O
	11.15	31.33	42.9	O
	12.27	31.33	42.3	O
	13.23	31.24	43.0	W
	13.26	31.33	42.5	W
1247	12.27	2.83	47.6	O
	12.27	2.85	48.0	O
	12.27	2.76	47.9	O
	13.17	2.74	47.7	W
	13.24	2.76	48.9	W
	13.24	2.79	49.4	W
1248	2.27	21.05	31.0	O
	5.05	21.01	29.8	W
	5.05	21.05	30.3	W
	5.07	21.03	31.0	W
	5.20	21.06	31.5	O
	5.21	21.05	31.6	O
1249	12.97	41.87	48.5	W
	13.21	41.81	47.7	O
	13.22	41.90	48.1	O
	13.22	41.91	48.3	O
	13.26	41.89	47.5	W
	13.26	41.92	46.7	W
1250	5.23	54.00	36.4	O
	5.25	54.05	36.3	O
	9.18	54.00	37.2	W
	11.16	54.03	35.9	O
	12.97	54.06	36.1	W
	13.23	54.08	37.0	W
1251	12.27	59ʰ3ᵐ0ˢ	48°2	O
	12.27	59.32	47.8	O
	12.27	59.27	48.5	O
	13.23	59.29	48.6	W
	13.24	59.27	49.2	W
	13.25	59.30	49.2	W
1252	2.19	27.51	35.7	O
	2.19	27.51	35.2	O
	2.19	27.52	35.6	O
	5.05	27.56	36.4	W
	5.10	27.47	36.6	W
	5.11	27.51	36.5	W
1253	2.20	46.23	18.5	O
	2.21	46.28	18.2	O
	2.21	46.20	18.9	O
	5.16	46.23	18.6	W
	5.19	46.29	18.4	W
	13.24	46.26	19.9	W
1254	4.14	0.17	15.4	O
	4.14	0.17	15.2	O
	5.05	0.14	15.6	W
	5.05	0.16	15.9	W
	5.10	0.13	15.9	W
	5.19	0.16	15.2	O
1255	12.27	19.73	28.3	O
	13.02	19.78	28.8	W
	13.17	19.73	28.7	W
	13.21	19.78	27.3	O
	13.22	19.81	27.1	O
	13.23	19.82	28.2	W
1256	12.27	47.25	31.2	O
	12.97	47.25	30.3	W
	13.22	47.15	31.3	O
	13.24	47.24	30.9	O
	13.25	47.24	31.2	O
	13.25	47.22	30.8	W
1257	12.27	54.96	34.8	O
	12.27	54.98	34.6	O
	13.23	54.90	34.2	W
	13.26	55.11	33.9	W
	13.26	54.99	33.6	W
	13.27	54.95	36.0	O
1258	2.19	26.45	37.6	O
	2.19	26.39	37.5	O
	2.19	26.41	37.0	O
	5.05	26.44	37.6	W
	5.07	26.36	38.1	W
	5.10	26.40	37.8	W
1259	12.26	30ʰ9ᵐ2ˢ	18°6	O
	12.29	30.00	16.9	W
	13.24	30.85	17.7	W
	13.25	30.93	19.5	O
	13.27	30.83	18.8	W
	13.27	30.85	18.8	O
1260	2.27	33.86	18.6	O
	5.11	33.85	19.6	W
	5.16	33.83	18.3	W
	5.19	33.83	18.5	W
	5.20	33.85	18.5	O
	5.21	33.94	18.6	O
1261	5.21	34.11	13.9	O
	5.21	33.89	—	O
	13.24	34.16	14.6	W
1262	5.23	15.01	7.1	O
	5.25	15.03	8.7	O
	13.22	14.98	7.1	O
	13.23	15.04	7.5	W
	13.24	15.04	8.1	W
	13.26	14.97	9.2	W
1263	2.20	19.88	29.2	O
	2.21	19.93	29.2	O
	2.21	19.93	29.2	O
	13.25	19.93	29.7	W
	13.26	19.88	29.0	W
	13.26	19.90	28.3	W
1264	13.21	0.99	51.4	O
	13.22	1.01	50.7	O
	13.23	1.00	51.5	W
	13.24	0.93	50.3	W
	13.25	0.96	51.5	O
	13.26	0.95	51.0	W
1265	5.08	3.01	29.2	W
	13.17	2.99	29.5	W
	13.25	2.99	28.2	O
	13.25	2.93	29.5	O
	13.26	3.01	30.4	W
	13.27	2.98	29.6	O
1266	4.14	9.35	57.1	O
	4.14	9.40	58.4	O
	5.05	9.40	57.2	W
	5.10	9.43	56.7	W
	5.11	9.42	56.6	W
	5.21	9.44	56.2	O
1267	9.18	25.67	46.1	W
	11.13	25.68	46.2	O
	11.20	25.64	44.6	O
	12.26	25.64	45.0	O
	12.97	25.68	45.6	W
	12.97	25.58	46.3	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1268	12.27	45ʰ88ᵐ	17°9	O
	12.27	45.90	17.9	O
	13.22	45.88	18.6	O
	13.24	45.81	18.3	W
	13.24	45.88	18.6	W
	13.26	45.84	17.8	W
1269	12.27	14.08	1.5	O
	12.27	14.07	1.8	O
	13.22	13.98	1.7	O
	13.23	14.08	1.7	W
	13.26	14.07	1.6	W
	13.27	14.06	2.6	W
1270	12.26	21.38	41.6	O
	12.28	21.41	41.6	W
	12.29	21.40	40.3	W
	13.25	21.38	42.3	O
	13.26	21.36	40.6	W
	13.27	21.38	41.7	O
1272	2.27	38.81	46.2	O
	13.21	38.80	46.6	O
	13.24	38.87	46.1	W
	13.25	38.82	46.5	O
	13.26	38.78	47.6	W
	13.26	38.84	45.1	W
1273	11.14	37.24	4.7	O
	11.15	37.23	3.8	O
	12.27	37.16	4.4	O
	12.27	37.15	4.5	O
	13.02	37.27	4.2	W
	13.17	37.23	5.2	W
	13.25	37.18	4.2	W
1274	11.18	53.14	—	O
	11.20	53.13	8.7	O
	12.27	—	9.4	O
	13.22	53.19	7.5	O
	13.23	53.14	8.4	W
	13.24	53.15	8.7	W
	13.24	53.15	8.9	W
1275	2.21	59.82	59.1	O
	4.22	59.79	58.9	O
	4.22	59.82	57.6	O
	5.05	59.81	58.8	W
	5.10	59.80	59.3	W
	5.11	59.79	59.8	W
1276	7.31	3.33	24.9	W
	9.18	3.35	26.7	W
	11.13	3.32	27.5	O
	11.14	3.29	25.0	O
	11.20	3.37	27.2	O
	12.27	3.40	28.1	W
1277	11.14	31ʰ65ᵐ	56°9	O
	11.16	31.67	55.2	O
	12.26	31.66	56.9	O
	12.28	31.67	56.2	W
	12.29	31.64	57.6	W
	13.24	31.69	56.5	W
1278	12.27	37.06	39.6	O
	12.27	37.04	39.0	O
	13.21	36.95	39.2	O
	13.23	36.98	39.7	W
	13.24	37.03	39.8	W
	13.25	37.04	40.5	W
1279	12.05	12.19	52.0	O
	12.26	12.31	52.9	O
	12.27	12.30	51.6	O
	12.27	12.25	52.4	O
	13.17	12.24	52.2	W
	13.23	12.22	51.9	W
	13.24	12.23	53.4	W
1280	2.27	53.50	8.7	O
	3.10	53.53	9.1	W
	3.26	53.56	9.1	W
	5.10	53.53	9.7	W
	5.17	53.52	9.6	W
	5.19	53.52	9.1	O
	5.20	53.56	8.7	O
1281	12.27	18.48	20.1	O
	12.27	18.54	19.7	O
1282	2.21	12.36	34.1	O
	4.22	12.37	34.6	O
	4.22	12.41	34.3	O
	5.05	12.43	35.1	W
	5.05	12.36	34.6	W
	5.08	12.39	34.4	W
1283	7.31	41.67	18.6	W
	9.17	41.73	19.0	W
	11.12	41.69	17.9	W
	11.13	41.72	17.7	O
	11.14	41.68	17.4	O
	11.15	41.66	17.2	O
1284	2.21	49.82	36.2	O
	2.21	49.80	36.4	O
	5.10	49.86	36.5	W
	5.11	49.85	36.7	W
	5.15	49.78	37.2	W
	5.21	49.82	36.1	O
	12.29	49.72	36.9	W
1285	5.21	25.51	1.9	O
	5.21	25.41	2.4	O
	5.23	25.39	1.6	O
	12.28	25.41	2.2	W
	12.97	25.41	0.9	W
1286	5.16	29ʰ84ᵐ	35°5	W
	5.17	29.90	34.8	W
	5.19	29.90	35.4	W
	5.25	29.91	35.2	O
	11.20	29.89	34.4	O
	12.27	29.77	34.3	O
1287	2.27	35.47	51.6	O
	5.20	35.57	52.1	O
	5.20	35.57	52.4	O
1288	2.14	14.20	36.9	O
	2.17	14.26	36.6	O
	2.19	14.27	36.5	O
	3.10	14.28	37.0	W
	3.26	14.24	36.7	W
	5.05	14.27	37.1	W
1289	7.30	13.44	23.5	W
	7.31	13.47	23.9	W
	9.18	13.55	20.1	W
	11.13	13.49	23.4	O
	11.14	13.49	23.7	O
	11.14	13.48	23.4	O
1290	2.21	4.20	45.8	O
	2.21	4.22	46.2	O
	2.21	4.16	45.5	O
	5.05	4.20	45.5	W
	5.05	4.23	45.6	W
	5.08	4.15	45.8	W
	5.11	4.26	45.1	W
1291	5.21	44.40	42.8	O
	5.24	44.46	42.2	O
	7.31	44.40	41.1	W
	9.18	44.38	42.5	W
	11.12	44.41	43.3	W
	11.13	44.36	41.8	O
	11.14	44.36	41.8	O
1292	2.21	59.13	10.9	O
	2.21	59.14	10.7	O
	2.27	59.08	11.0	O
	3.10	59.15	11.1	W
	3.26	59.17	10.6	W
	5.05	59.11	8.7	W
	5.05	59.15	9.5	W
1293	5.25	24.91	53.7	O
	11.15	25.00	54.2	O
	11.16	24.85	54.0	O
	12.28	24.98	52.9	W
	12.29	24.87	54.5	W
	12.97	24.90	53.7	W
1294	7.31	59ʰ29ᵐ	33°3	W
	11.14	59.29	33.6	O
	11.14	59.30	32.7	O
	11.15	59.28	34.8	O
	12.28	—	32.6	W
	12.29	59.17	31.6	W
	13.02	59.22	32.4	W
1295	13.17	12.44	17.6	W
	13.21	12.49	17.0	O
	13.22	12.44	16.7	O
	13.22	12.44	16.4	O
	13.23	12.45	17.8	W
	13.23	12.36	18.0	W
1296	5.19	24.34	3.1	O
	5.21	24.35	3.7	O
	5.21	24.45	3.3	O
1297	2.19	9.54	18.5	O
	2.19	9.63	20.3	O
	2.19	9.61	19.6	O
	5.08	9.46	19.7	W
	5.10	9.55	20.5	W
	5.11	9.55	21.0	W
1298	2.21	21.98	19.0	O
	4.14	22.13	19.8	O
	4.14	22.10	19.2	O
	5.05	22.13	18.8	W
	5.15	22.10	19.1	W
	5.15	22.12	18.0	W
1299	5.21	36.65	36.9	O
	5.24	36.69	38.6	O
	5.25	36.66	36.0	O
	7.30	36.63	35.8	W
	7.31	36.65	35.7	W
	9.18	36.63	36.1	W
	11.14	36.55	36.2	O
1300	7.31	44.75	6.8	W
	7.32	44.77	5.3	W
	11.12	44.77	7.3	W
	11.13	44.75	6.6	O
	11.14	44.76	6.8	O
	11.15	44.81	6.8	O
1301	2.19	47.73	32.4	O
	2.19	47.72	31.1	O
	2.20	47.73	31.9	O
	5.10	47.74	32.9	W
	5.11	47.70	33.0	W
	5.15	47.70	32.3	W
1302	11.16	12.96	2.5	O
	12.25	12.98	3.6	O
	12.27	13.02	2.9	O
	12.28	12.97	1.9	W
	12.29	12.99	2.2	W
	13.24	12.98	2.2	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
1304	2.21	43ᵐ11	26′1	O
	2.21	43.11	25.6	O
	5.16	43.09	25.5	W
	13.21	43.10	26.4	O
	13.23	43.15	26.7	W
	13.23	43.13	27.0	W
1305	11.12	52.73	8.0	W
	12.27	52.73	7.9	O
	12.27	52.74	7.4	O
	13.22	52.77	8.0	O
	13.24	52.75	8.4	W
	13.24	52.81	7.7	W
1306	11.16	3.70	14.1	O
	12.25	3.67	14.0	O
	12.27	3.66	14.0	O
	12.29	3.69	14.2	W
	12.97	3.68	14.6	W
	13.02	3.72	14.2	W
1307	2.21	9.59	38.8	O
	2.21	9.64	39.3	O
	2.21	9.67	38.7	O
	3.10	9.63	38.8	W
	3.26	9.64	38.1	W
	5.05	9.66	38.7	W
1308	5.21	5.30	17.0	O
	5.24	5.24	16.6	O
	5.25	5.31	16.6	O
	7.30	5.33	17.0	W
	7.31	5.29	16.9	W
	7.31	5.33	16.2	W
1309	7.32	40.08	26.2	W
	9.18	40.09	25.8	W
	11.14	40.11	24.8	O
	11.15	40.14	26.4	O
	11.16	40.08	26.1	O
	12.23	40.12	26.3	W
1310	2.14	8.05	6.2	O
	2.17	8.04	6.2	O
	2.19	8.06	5.1	O
	3.09	8.02	5.6	W
	5.05	7.98	6.2	W
	5.10	8.03	6.7	W
1311	2.19	27.26	43.3	O
	2.19	27.35	43.9	O
	2.19	27.22	43.6	O
	5.05	27.29	43.7	W
	5.10	27.28	44.3	W
	5.13	27.27	43.4	W
	12.28	27.27	44.7	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
1312	2.21	44ᵐ03	53′1	O
	2.27	44.00	53.8	O
	5.15	44.03	54.6	W
	5.15	43.99	54.8	W
	5.16	44.04	53.8	W
	13.23	44.00	54.4	W
1313	5.29	5.41	49.5	O
	7.30	5.46	49.2	W
	7.31	5.44	49.0	W
	7.31	5.46	49.5	W
	11.14	5.43	48.7	O
	11.15	5.44	48.6	O
1314	5.24	32.10	10.7	O
	5.25	32.17	9.7	O
	7.32	32.08	10.6	W
	9.18	32.07	9.3	W
	11.12	32.17	9.6	W
	11.14	32.13	9.1	O
1315	2.21	25.18	40.0	O
	2.23	25.15	39.9	O
	5.05	25.12	41.2	W
	5.10	25.16	41.5	W
	5.13	25.15	40.6	W
	5.19	25.14	40.1	O
1316	2.14	58.31	20.7	O
	2.17	58.28	20.2	O
	2.19	58.30	20.7	O
	3.10	58.29	20.5	W
	3.26	58.33	19.9	W
	5.15	58.26	20.2	W
1317	2.19	12.16	4.3	O
	2.19	12.15	3.6	O
	2.19	12.23	3.7	O
	5.05	12.13	5.1	W
	5.10	12.12	5.2	W
	5.13	12.13	4.4	W
1318	5.21	25.29	13.6	O
	5.24	25.28	13.4	O
	5.25	25.35	13.8	O
	7.30	25.29	13.5	W
	7.31	25.33	12.5	W
	7.31	25.31	13.2	W
1319	12.25	4.79	56.5	O
	12.27	4.82	56.1	O
	12.27	4.81	56.5	O
	12.28	4.79	56.0	W
	12.29	4.82	(52.7)	W
	13.23	4.80	56.8	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
1320	5.29	56ᵐ44	43′8	O
	5.30	56.53	43.5	O
	7.32	56.58	44.4	W
	9.18	56.59	43.8	W
	11.12	56.63	45.2	W
	11.14	56.62	45.5	O
1321	2.21	38.49	1.1	O
	2.21	38.57	1.0	O
	2.23	38.52	1.8	O
	3.10	38.52	1.6	W
	3.26	38.48	1.8	W
	5.05	38.49	0.5	W
1322	2.19	46.89	29.3	O
	2.19	46.90	30.0	O
	2.19	46.89	28.7	O
	5.10	46.95	29.3	W
	5.13	46.90	29.7	W
	5.15	46.92	29.5	W
1323	2.21	24.78	52.2	O
	2.27	24.83	50.9	O
	5.05	24.79	53.2	W
	5.10	24.83	53.7	W
	5.13	24.80	52.9	W
	5.19	24.78	52.3	O
1324	5.29	55.34	19.2	O
	5.29	55.27	18.7	O
	5.30	55.27	19.3	O
	7.30	55.34	18.4	W
	7.31	55.33	17.6	W
	7.31	55.18	18.2	W
1325	5.21	6.30	20.0	O
	5.24	6.27	20.5	O
	5.25	6.25	20.4	O
	5.25	6.25	19.8	W
	7.32	6.23	20.4	W
	9.18	6.16	20.7	W
1326	9.27	17.15	35.2	W
	11.14	—	36.2	O
	11.14	17.16	35.2	O
	11.16	17.16	35.6	O
	12.23	17.09	36.4	W
	12.28	17.06	34.9	W
1327	2.21	57.39	22.9	O
	2.21	57.39	22.6	O
	2.23	57.38	23.3	O
	5.05	57.39	24.3	W
	5.13	57.31	23.8	W
	5.15	57.34	22.8	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
1328	2.17	46ᵐ35	43′2	O
	2.19	46.36	43.2	O
	2.19	46.40	43.1	O
	3.10	46.30	43.9	W
	3.26	46.32	43.3	W
	5.05	46.36	43.6	W
1329	5.29	39.53	4.9	O
	7.30	39.64	4.2	W
	7.31	39.61	3.8	W
	7.31	39.55	4.4	W
	11.12	39.52	—	W
	11.15	39.65	4.6	O
	12.28	—	4.8	W
1330	5.21	52.91	46.1	O
	5.24	52.92	47.7	O
	5.25	52.92	46.0	O
	5.25	52.89	46.7	W
	7.32	52.93	46.4	W
	9.18	52.92	46.8	W
1331	2.21	22.02	54.8	O
	2.23	22.00	55.1	O
	2.27	21.99	55.7	O
	5.05	22.11	55.3	W
	5.10	22.09	54.8	W
	5.13	22.10	54.6	W
1332	2.19	25.92	25.3	O
	2.19	26.02	25.5	O
	2.20	26.00	25.5	O
	5.15	25.99	25.3	W
	5.15	25.92	25.3	W
	5.15	25.94	25.5	W
1333	5.29	27.53	33.1	O
	5.30	27.71	33.4	O
	9.27	27.69	31.8	W
	11.12	27.63	32.6	W
	11.14	27.63	33.1	O
	13.21	27.70	—	O
1334	5.29	41.25	7.9	O
	11.16	41.23	7.3	O
	12.25	41.27	9.8	O
	12.29	41.20	7.3	W
	13.23	41.22	8.7	W
	13.24	41.16	8.2	W
1335	11.20	48.17	29.2	O
	11.20	48.17	28.8	O
	12.23	48.12	27.7	W
	12.27	48.11	28.8	O
	13.24	48.11	29.4	W
	13.24	48.17	29.7	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1336	12.27	30.67	40.1	O
	12.29	30.71	42.6	W
	13.21	30.72	40.7	O
	13.22	30.68	40.5	O
	13.25	30.73	39.5	W
	13.26	30.69	40.0	W
1337	7.31	21.15	37.1	W
	7.32	21.09	36.4	W
	11.14	—	37.7	O
	12.27	21.06	—	O
	13.22	21.06	36.6	O
	13.22	21.03	37.1	O
	13.23	21.07	37.8	W
1338	9.18	51.95	5.8	W
	11.15	51.83	7.7	O
	12.27	51.90	6.1	O
	13.21	51.92	5.9	O
	13.23	51.94	6.6	W
	13.24	51.89	7.4	W
1339	5.21	59.54	30.9	O
	5.24	59.59	31.7	O
	5.25	59.52	30.0	O
	5.25	59.50	31.5	W
	7.30	59.55	30.5	W
	7.31	59.45	31.1	W
1340	5.29	14.34	29.8	O
	5.29	14.28	30.5	O
	5.30	14.30	29.3	O
	13.24	14.27	30.0	W
	13.25	14.32	30.3	W
	13.26	14.31	29.9	W
1341	11.20	16.03	24.1	O
	12.27	16.06	24.3	O
	12.27	16.08	24.1	O
	13.23	16.01	24.8	W
	13.24	16.10	24.3	W
	13.24	16.06	23.8	W
1342	2.21	21.04	43.1	O
	2.21	21.05	43.4	O
	2.23	21.07	43.8	O
	3.10	21.07	43.6	W
	3.26	21.08	43.9	W
	5.05	21.11	43.5	W
1343	7.32	39.51	50.6	W
	9.27	39.50	51.2	W
	11.12	39.52	51.4	W
	11.14	39.53	51.0	O
	11.16	39.54	51.5	O
	11.20	39.54	51.3	O
1344	2.19	7.73	47.4	O
	2.19	7.75	47.5	O
	2.20	7.78	47.3	O
	5.05	7.77	48.6	W
	5.10	7.72	47.1	W
	5.13	7.79	48.1	W
1345	5.21	28.89	55.7	O
	5.24	28.91	56.2	O
	5.25	28.88	56.3	O
	5.25	28.81	57.7	W
	12.28	28.90	56.6	W
	12.29	28.90	56.9	W
1346	2.27	12.18	54.6	O
	3.10	12.14	55.1	W
	3.26	12.13	54.6	W
	4.14	12.10	53.7	O
	4.14	12.13	55.0	O
	5.05	12.13	55.5	W
	5.05	12.15	55.2	W
1348	5.21	60.04	9.1	O
	5.24	59.99	8.2	O
	5.25	59.99	7.9	O
	5.25	59.98	9.5	W
	7.32	60.00	8.8	W
	13.23	59.98	9.0	W
1349	5.29	3.54	28.1	O
	12.27	3.51	28.9	O
	12.27	3.46	29.3	O
	12.29	3.54	28.7	W
	13.24	3.46	29.2	W
	13.24	3.48	29.4	W
1350	2.21	33.66	30.2	O
	2.23	33.67	29.3	O
	2.27	33.64	29.3	O
	3.10	33.66	28.3	W
	3.26	33.68	28.9	W
	5.05	33.65	29.6	W
	5.05	33.62	30.3	W
1351	5.30	7.64	23.4	O
	7.30	7.62	23.5	W
	7.31	7.63	23.1	W
	7.31	7.62	23.7	W
	11.16	7.61	23.2	O
	11.20	7.58	23.5	O
1352	5.29	12.20	44.3	O
	11.15	12.20	43.1	O
	11.20	12.28	44.2	O
	12.27	12.16	—	O
	13.24	12.22	45.0	W
	13.24	12.22	44.2	W
1353	5.29	34.90	45.3	O
	9.18	34.85	46.9	W
	9.27	34.86	45.3	W
	12.25	34.89	45.0	O
	12.27	34.88	44.9	O
	12.28	34.88	46.6	W
	12.31	34.92	45.4	W
1354	4.14	1.45	21.0	O
	5.10	1.38	19.5	W
	5.15	1.45	20.4	W
	5.15	1.43	20.8	W
	5.19	1.43	20.7	O
	5.21	1.43	19.8	O
1355	2.17	26.04	48.5	O
	2.19	26.10	49.3	O
	5.05	26.05	48.5	W
	5.15	26.02	49.6	W
	5.16	26.08	49.7	W
	5.23	26.06	48.8	O
1356	7.30	47.02	3.1	W
	7.31	47.01	4.5	W
	7.32	47.02	3.5	W
	12.25	46.92	6.0	O
	12.27	46.97	3.9	O
	13.21	46.98	4.6	O
1357	5.15	50.49	43.7	W
	5.17	50.49	43.2	W
	12.23	50.54	43.8	W
	12.27	50.48	42.6	O
	13.22	50.51	42.8	O
	13.22	50.49	42.1	O
1359	12.29	58.27	13.7	W
	13.23	58.35	13.5	W
	13.23	58.33	13.9	W
	13.25	58.26	13.5	O
	13.25	58.31	13.1	O
	13.25	58.35	13.3	W
1360	12.27	—	11.0	O
	12.31	13.15	12.2	W
	13.21	13.22	11.5	O
	13.22	13.10	11.3	O
	13.24	13.22	12.3	W
	13.24	13.17	12.0	W
	13.26	13.19	—	W
1361	9.18	33.19	15.2	W
	9.27	33.17	14.4	W
	12.27	33.27	13.0	O
	13.22	33.20	12.8	O
	13.23	33.20	13.5	W
	13.25	33.18	14.0	O
1362	5.29	54.88	48.8	O
	7.32	54.92	48.3	W
	11.15	54.84	48.9	O
	12.25	54.84	49.1	O
	12.29	54.78	47.1	W
	13.24	54.84	48.5	W
1363	2.19	8.68	56.3	O
	4.14	8.68	55.6	O
	5.10	8.68	56.1	W
	5.13	8.70	56.2	W
	5.15	8.66	56.3	W
	5.19	8.72	56.2	O
1364	5.25	14.38	19.5	W
	5.29	14.42	19.0	O
	5.30	14.36	19.2	O
	12.25	14.37	19.0	O
	12.29	14.44	17.8	W
	13.24	14.36	19.3	W
1365	7.30	26.91	59.4	W
	7.31	26.84	59.6	W
	11.20	26.88	60.4	O
	12.27	26.81	59.6	O
	13.24	26.76	60.8	W
	13.25	26.83	60.7	O
1366	7.31	46.87	4.3	W
	7.32	46.82	4.6	W
	9.27	46.85	4.2	W
	11.16	46.85	3.1	O
	11.20	46.94	3.8	O
	11.21	46.85	—	O
1367	2.17	60.02	44.5	O
	2.19	60.01	43.9	O
	2.19	60.04	43.6	O
	3.10	60.02	43.8	W
	3.26	59.97	44.6	W
	5.10	59.96	44.5	W
1368	2.21	13.47	42.4	O
	2.23	13.45	42.8	O
	2.27	13.41	43.5	O
	5.13	13.40	43.0	W
	5.15	13.47	42.0	W
	5.15	13.45	42.7	W
1369	13.21	43.27	51.8	O
	13.22	43.25	52.0	O
	13.22	43.27	51.8	O
	13.23	43.16	50.5	W
	13.24	43.30	51.3	W
	13.24	43.24	52.3	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1370	5.25	2h23	30°9	O
	5.25	2.34	30.0	W
	5.29	2.40	30.2	O
	5.29	2.22	30.5	O
	7.30	2.30	29.7	W
	7.31	2.26	30.3	W
1371	4.14	9.41	46.8	O
	4.14	9.45	48.2	O
	5.13	9.54	47.3	W
	5.15	9.44	(49.6)	W
	5.15	9.38	48.0	W
	5.16	9.44	48.3	W
	5.19	9.46	46.3	O
1372	2.17	53.57	33.4	O
	2.19	53.51	33.7	O
	2.19	53.54	33.5	O
	3.10	53.52	34.3	W
	3.26	53.54	34.6	W
	5.10	53.55	33.6	W
1374	5.25	56.33	30.8	W
	5.26	56.32	29.8	W
	5.29	56.23	29.2	O
	7.31	56.36	30.0	W
	12.25	56.32	30.3	O
	12.27	56.30	30.5	O
1375	2.21	59.42	4.2	O
	2.23	59.45	4.1	O
	2.27	59.45	4.3	O
	3.10	59.41	4.4	W
	5.05	59.36	4.3	W
	5.10	59.36	3.0	W
	5.15	59.40	3.3	W
1376	5.21	40.88	27.0	O
	5.25	40.86	27.8	O
	5.29	40.91	28.5	O
	7.31	40.89	29.9	W
	7.32	40.91	28.2	W
	9.18	40.86	29.5	W
1377	2.19	15.56	35.7	O
	2.19	15.62	35.2	O
	2.19	15.63	35.3	O
	5.05	15.62	35.2	W
	5.10	15.55	34.7	W
	5.13	15.55	35.4	W
1378	5.21	52.60	35.6	O
	5.25	52.54	30.5	O
	5.25	52.56	35.8	W
	5.26	52.59	36.1	W
	5.29	52.56	36.0	O
	7.30	52.52	35.7	W
1379	5.30	21.16	48.7	O
	5.30	21.17	49.9	O
	7.31	21.20	48.8	W
	7.32	21.15	49.2	W
	9.18	21.33	48.9	W
	11.15	21.21	49.3	O
1380	5.29	59.39	27.9	O
	5.30	59.41	27.9	O
	5.30	59.42	27.5	O
	5.31	59.40	27.7	W
	7.30	59.39	28.3	W
	7.31	59.42	26.9	W
1381	13.21	43.45	3.2	O
	13.22	43.44	4.0	O
	13.22	43.43	3.6	O
	13.23	43.46	4.0	W
	13.24	43.47	3.5	W
	13.24	43.40	3.3	W
1383	11.15	21.21	58.3	O
	12.23	21.18	58.7	W
	12.27	21.14	59.0	O
	12.29	21.14	59.9	W
	13.21	21.16	59.0	O
	13.23	21.17	58.6	W
1384	7.30	21.22	49.1	W
	7.32	21.20	50.1	W
	9.27	21.19	50.6	W
	11.20	21.13	51.7	O
	12.25	21.20	—	O
	12.26	21.24	51.7	O
	12.27	—	52.0	O
1385	5.29	56.61	6.7	O
	5.31	56.68	6.4	W
	7.31	56.68	7.0	W
	12.25	—	8.1	O
	12.25	56.73	7.7	O
	12.28	56.73	6.7	W
	13.22	56.66	7.9	O
1386	2.20	12.27	3.3	O
	2.21	12.28	3.0	O
	2.21	12.26	2.8	O
	5.15	12.26	3.4	W
	5.15	12.25	3.3	W
	5.15	12.25	3.7	W
1387	5.21	15.14	8.4	O
	5.25	15.23	8.8	W
	5.26	15.19	8.8	W
	5.29	15.18	9.2	O
	5.30	15.21	8.8	O
	5.31	15.17	9.5	W
1388	2.27	56.58	29.2	O
	4.14	56.62	30.0	O
	4.14	56.63	28.9	O
	5.05	56.54	30.3	W
	5.15	56.57	29.6	W
	5.15	56.59	29.9	W
1389	2.19	4.01	41.7	O
	2.19	4.02	42.2	O
	2.19	3.97	42.0	O
	5.15	3.98	41.6	W
	5.16	4.01	42.5	W
	5.17	4.01	41.9	W
1390	5.21	35.50	32.2	O
	5.26	35.52	33.0	W
	5.29	35.57	33.1	O
	5.29	35.49	33.0	O
	7.30	35.56	32.1	W
	7.31	35.56	32.7	W
	11.15	35.52	31.8	O
1391	2.21	42.63	32.5	O
	2.21	42.69	—	O
	5.19	42.65	32.8	O
	5.25	42.68	33.0	W
	5.31	42.68	32.8	W
	12.23	42.63	34.1	W
	12.25	42.63	33.0	O
1392	5.30	52.66	20.6	O
	7.31	52.71	20.4	W
	7.32	52.70	20.2	W
	9.27	52.73	20.7	W
1393	5.30	27.41	59.6	O
	11.20	27.40	58.2	O
	12.25	27.35	58.3	O
	12.29	27.40	56.8	W
	12.31	27.41	58.3	W
	12.35	27.44	57.4	W
1394	4.14	29.96	34.6	O
	4.14	29.90	33.6	O
	5.13	29.91	34.5	W
	5.15	29.98	34.5	W
	5.15	29.98	34.0	W
	5.21	29.90	32.9	O
1395	5.05	43.92	11.7	W
	5.15	43.95	12.0	W
	5.17	44.01	11.8	W
	5.26	43.99	12.1	W
	5.29	43.98	12.8	O
	5.29	43.95	12.3	O
	5.30	44.00	11.4	O
1396	12.23	7.36	59.0	W
1397	5.31	9.86	15.1	W
	7.31	9.87	15.6	W
1398	2.27	14.04	55.9	O
	5.13	14.06	54.9	W
	5.15	14.02	55.3	W
	5.15	14.04	55.9	W
	5.19	14.01	56.5	O
	5.25	14.02	56.8	O
1399	5.29	17.57	53.7	O
	5.30	17.58	53.0	O
	7.30	17.51	53.8	W
	7.32	17.48	54.3	W
	9.27	17.49	55.0	W
	11.15	17.43	54.1	O
1400	2.19	49.48	3.8	O
	2.19	49.43	4.0	O
	2.19	49.48	4.4	O
	2.20	49.45	3.8	O
	5.16	49.47	5.1	W
	5.17	49.40	3.9	W
	5.25	49.52	3.1	W
1401	2.21	7.75	40.0	O
	2.21	7.68	41.6	O
	5.05	7.69	40.8	W
	5.15	7.69	41.0	W
	5.15	7.66	41.2	W
	5.19	7.73	41.1	W
	5.21	7.70	41.7	O
1402	5.29	13.99	34.3	O
	5.30	13.83	34.8	O
	7.31	13.87	33.7	W
	7.32	13.85	33.6	W
	12.25	13.80	35.9	O
	12.29	13.85	34.4	W
1403	5.25	10.05	45.7	W
	5.26	10.05	46.1	W
	5.29	10.09	46.7	O
	5.29	10.11	46.1	O
	5.30	10.03	46.3	O
	5.31	10.01	46.6	W
1404	2.19	18.54	22.0	O
	2.19	18.55	21.5	O
	2.20	18.59	21.7	O
	5.05	18.57	20.9	W
	5.15	18.56	21.8	W
	5.15	18.60	22.0	W
1405	5.15	25.64	56.3	W
	5.15	25.73	57.9	W
	5.16	25.70	57.0	W
	5.21	25.70	57.3	O
	5.25	25.71	59.2	O
	5.26	25.69	57.8	W
	5.29	25.75	57.3	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1407	5.19	1ʰ04	14°8	W
	5.21	1.06	14.4	O
	5.25	1.12	13.6	W
	5.26	1.03	13.5	W
	5.29	1.08	13.4	O
	5.29	1.05	13.7	O
1408	5.31	11.81	6.2	W
	7.30	11.80	5.3	W
	7.31	11.78	6.6	W
	12.25	11.82	6.4	O
	12.25	11.83	6.6	O
	12.26	11.82	7.7	O
1409	5.29	16.69	36.1	O
	5.30	16.73	36.6	O
	5.30	16.74	36.7	O
	5.31	16.71	34.8	W
	7.32	16.72	35.7	W
	7.34	16.62	35.1	W
1410	2.19	41.74	6.7	O
	2.20	41.76	6.1	O
	2.21	41.78	5.9	O
	3.32	41.76	7.1	W
	5.15	41.79	6.2	W
	5.15	41.80	7.0	W
1411	2.27	7.36	28.6	O
	5.15	7.35	29.2	W
	5.16	7.33	29.0	W
	5.17	7.35	29.8	W
	5.19	7.37	29.9	O
	5.21	7.37	30.2	O
1412	5.25	43.26	46.1	W
	5.26	43.28	45.4	W
	5.29	43.33	45.3	O
	5.31	43.32	45.6	W
	11.15	43.29	44.8	O
	12.25	43.26	46.1	O
1413	5.29	31.91	49.2	O
	5.30	32.00	51.1	O
	5.30	32.00	50.5	O
	5.32	31.93	49.5	W
	7.30	31.98	49.5	W
	7.31	31.89	50.3	W
1414	2.19	39.87	26.0	O
	2.20	39.82	26.2	O
	2.21	39.85	26.9	O
	3.32	39.85	27.0	W
	5.15	39.91	25.4	W
	5.15	39.86	26.3	W
1415	2.21	46ˢ17	42″1	O
	2.27	46.23	41.5	O
	5.15	46.26	42.3	W
	5.16	46.23	42.5	W
	5.17	46.19	43.0	W
	5.19	46.18	43.0	O
1416	5.15	36.72	13.5	W
	5.15	36.73	13.5	W
	5.21	36.70	13.8	O
	5.25	36.72	13.7	W
	5.29	36.68	12.9	O
	5.29	36.70	13.6	O
1417	5.30	41.27	14.8	O
	5.30	41.26	13.9	O
	5.31	41.25	13.7	W
	5.32	41.22	14.0	W
	7.30	41.22	13.7	W
	8.35	41.17	15.2	O
1418	5.26	33.53	28.2	W
	5.29	33.65	27.4	O
	7.31	33.61	28.3	W
	7.34	33.62	27.2	W
	11.20	33.50	28.5	O
	12.25	33.56	28.9	O
1419	5.31	41.20	20.1	W
	0.27	41.20	21.4	W
	12.23	41.21	20.9	W
	12.25	41.23	21.0	O
	12.26	41.18	21.1	O
	12.27	41.19	21.5	O
1420	2.21	42.41	—	O
	2.21	42.35	51.7	O
	2.21	42.38	51.3	O
	3.32	42.31	50.4	W
	5.15	42.38	51.7	W
	5.15	42.33	51.3	W
	12.25	42.28	50.9	O
1421	5.15	11.13	8.9	W
	5.29	11.22	6.5	O
	5.30	11.08	7.2	O
	5.32	11.09	8.4	W
	7.30	11.13	8.0	W
	12.25	—	7.9	O
	12.26	11.15	7.9	O
1422	5.16	31.14	24.1	W
	5.17	31.20	23.8	W
	5.19	31.17	23.7	W
	5.19	31.16	23.6	O
	5.26	31.15	24.8	W
	5.29	31.12	24.9	O
	5.30	31.16	23.0	O
	5.31	31.22	—	W
1423	5.29	39ˢ19	45″2	O
	5.31	39.15	43.8	W
	7.31	39.13	44.5	W
	7.34	39.17	44.1	W
	8.35	39.15	44.7	O
	11.20	39.09	44.5	O
1424	2.19	59.93	13.9	O
	2.20	59.95	14.1	O
	2.21	59.96	13.5	O
	5.15	59.96	15.1	W
	5.15	59.95	14.6	W
	5.15	59.94	15.1	W
	5.21	59.97	14.1	O
1425	5.15	35.08	21.2	W
	5.15	35.17	21.8	W
	5.17	35.10	21.8	W
	5.29	35.15	21.5	O
	12.25	35.12	22.6	O
	12.26	35.11	22.0	O
1426	5.19	0.13	58.8	O
	5.26	0.09	58.4	W
	5.30	0.12	58.7	O
	5.31	0.12	58.5	W
	13.23	0.05	59.0	W
	13.27	0.09	58.9	O
1428	8.35	23.04	3.9	O
	9.27	23.09	4.0	W
	11.15	23.03	3.8	O
	12.26	23.07	3.9	O
	12.29	23.06	2.4	W
	12.34	23.05	2.8	W
1429	5.31	40.22	41.9	W
	7.30	40.34	40.1	W
	7.31	40.28	42.0	W
	12.25	40.54	41.9	O
	12.25	40.59	42.0	O
	12.27	40.58	41.3	O
1430	2.19	46.99	53.1	O
	2.20	47.03	53.2	O
	2.21	47.02	53.3	O
	3.26	46.89	54.1	W
	3.27	46.99	53.7	W
	3.32	47.01	53.1	W
1431	2.27	40.49	50.2	O
	2.27	40.41	50.1	O
	5.15	40.43	49.3	W
	5.15	40.51	49.3	W
	5.15	40.41	48.9	W
	5.16	40.38	50.4	W
	5.19	40.46	50.3	O
1432	5.21	11ʰ64	54″7	O
	5.25	11.67	55.8	W
	5.26	11.63	55.0	W
	5.29	11.64	55.8	O
	5.29	11.65	55.0	O
	5.31	11.65	54.1	W
1433	5.25	46.87	11.0	W
	5.26	46.87	10.9	W
	5.29	46.88	12.4	O
	5.29	46.82	10.6	O
	5.30	46.85	11.3	O
	5.31	46.83	10.8	W
1434	2.19	21.44	24.8	O
	2.20	21.42	24.7	O
	2.21	21.43	24.6	O
	3.26	21.45	24.0	W
	3.27	21.41	24.5	W
	3.32	21.41	25.2	W
	5.15	21.40	24.3	W
	5.19	21.45	—	O
1435	5.30	31.97	17.8	O
	5.32	32.12	15.6	W
	7.30	32.14	16.4	W
	7.31	32.14	17.3	W
	8.31	32.15	17.8	O
	8.35	32.25	19.2	O
1436	2.21	16.46	39.6	O
	3.34	16.49	39.9	W
	5.15	16.46	39.9	W
	5.15	16.45	40.3	W
	5.15	16.50	39.7	W
	5.19	16.45	40.6	O
	5.20	16.46	39.1	O
1437	5.16	25.76	30.1	W
	5.17	25.76	30.3	W
	5.21	25.73	29.8	O
	5.21	25.76	29.8	O
	5.29	25.73	29.6	O
	12.23	25.80	31.3	W
	12.29	25.77	28.4	W
1438	5.15	37.83	34.0	W
	5.15	37.86	33.3	W
	5.19	37.82	33.5	W
	5.21	37.77	33.0	O
	5.29	37.83	34.4	O
	5.30	37.84	34.4	O
1439	5.30	46.74	35.4	O
	5.31	46.75	35.6	W
	5.32	46.76	36.0	W
	12.25	—	35.7	O
	12.25	46.74	—	O
	12.26	46.76	36.3	O
	12.29	46.71	35.7	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1441	7.31	$15^{h}03^{s}$	$43^{\circ}7'$	W
	7.34	15.00	43.4	W
	8.31	14.98	44.5	O
	9.27	14.96	44.1	W
	12.25	14.98	44.1	O
	12.25	15.01	45.3	O
1442	5.32	20.93	39.2	W
	8.36	20.86	39.6	O
	12.23	20.80	40.2	W
	12.26	20.89	39.1	O
	12.27	20.88	40.2	O
	12.34	20.88	—	W
	13.24	20.89	40.5	W
1443	5.16	22.74	32.7	W
	5.17	22.75	32.2	W
	5.19	22.71	32.9	W
	5.21	22.73	32.2	O
	5.29	22.71	31.5	O
	12.35	22.70	32.1	O
1444	5.25	47.85	5.8	W
	5.26	47.79	5.2	W
	5.30	47.80	4.2	O
	12.25	47.77	5.2	O
	12.37	47.79	3.8	W
	13.25	47.71	3.9	O
1445	7.28	12.13	11.9	W
	8.31	12.07	13.5	O
	8.35	12.02	12.7	O
	8.37	12.06	13.4	O
	12.29	12.07	11.6	W
	12.38	12.00	12.0	W
1446	9.27	2.03	45.5	W
	12.26	1.97	45.5	O
	12.27	2.00	45.8	O
	12.31	2.02	46.7	W
	12.34	2.06	43.8	W
	12.35	2.05	46.5	O
1447	5.26	45.71	10.8	W
	5.29	45.71	10.8	O
	5.30	45.73	10.9	O
	5.32	45.72	11.3	W
	7.34	45.63	11.4	W
	8.36	45.68	11.6	O
1448	2.20	10.39	3.4	O
	2.21	10.38	3.8	O
	2.21	10.34	3.7	O
	3.26	10.43	3.2	W
	3.27	10.36	3.7	W
	3.34	10.29	3.4	W
1449	2.27	$22^{h}50^{s}$	6.9	O
	5.16	22.42	6.4	W
	5.17	22.45	6.6	W
	5.19	22.46	5.6	W
	5.20	22.47	6.6	O
	5.21	22.46	6.6	O
1450	5.21	48.35	58.6	O
	5.30	48.28	59.0	O
	12.23	—	61.2	W
	12.25	48.33	60.5	O
	12.37	48.29	60.2	W
	13.23	48.26	59.5	W
	13.24	48.29	—	W
1452	2.27	56.92	47.5	O
	5.16	56.96	47.5	W
	12.26	56.93	47.9	O
	12.34	56.87	47.3	W
	12.35	56.92	48.0	O
	13.24	56.92	48.3	W
1453	3.26	46.92	—	W
	3.27	46.91	38.4	W
	3.34	46.91	38.9	W
	5.20	46.90	37.5	O
	5.21	46.85	37.3	O
	5.30	46.87	38.5	O
	12.23	—	39.2	W
1454	5.31	13.65	26.0	W
	7.32	13.74	27.7	W
	8.35	13.72	27.0	O
	9.27	13.71	26.8	W
	12.25	—	26.6	O
	12.25	13.66	28.4	O
	12.35	13.67	27.2	O
1455	5.31	0.70	42.9	W
	5.32	0.70	42.1	W
	7.30	0.67	42.8	W
	8.31	0.70	44.0	O
	8.35	0.76	44.5	O
	8.36	0.69	43.2	O
1456	5.25	14.86	17.6	W
	5.26	14.87	17.8	W
	7.31	14.90	17.1	W
	8.37	14.84	17.4	O
	11.15	14.78	17.7	O
1457	2.27	55.70	19.5	O
	2.36	55.72	19.5	O
	2.37	55.70	20.0	O
	3.26	55.73	18.7	W
	3.27	55.72	19.4	W
	3.32	55.69	19.4	W
1458	2.21	$13^{h}26'$	$56^{\circ}8'$	O
	2.21	13.22	61.5	O
	2.27	13.24	61.0	O
	3.34	13.24	61.7	W
	5.16	13.29	62.0	W
	5.17	13.26	61.6	W
1459	5.31	17.95	54.3	W
	5.32	18.00	55.0	W
	7.30	18.01	55.4	W
	8.31	18.00	56.2	O
	8.35	17.97	55.9	O
	8.36	18.01	54.9	O
1460	5.19	27.32	43.7	W
	5.19	27.36	43.8	O
	5.20	27.32	43.8	O
	5.25	27.28	44.6	W
	5.25	27.38	44.0	W
	5.29	27.38	44.4	O
1461	2.20	42.54	29.2	O
	2.21	42.57	29.0	O
	2.26	42.51	28.8	O
	3.25	42.50	29.3	W
	3.26	42.54	29.4	W
	3.31	42.57	28.8	W
1462	5.30	44.39	16.8	O
	5.31	44.50	15.5	W
	7.31	44.40	15.1	W
	7.32	44.43	17.5	W
	8.31	44.45	17.7	O
	8.35	44.48	16.6	O
1463	2.27	3.17	48.3	O
	2.36	3.12	48.5	O
	2.36	3.11	48.9	O
	3.34	3.11	49.3	W
	5.15	3.13	49.1	W
	5.16	3.13	49.4	W
1464	5.30	32.62	8.5	O
	5.32	32.71	9.0	W
	7.30	32.65	9.2	W
	8.36	32.68	9.1	O
	8.37	32.70	8.2	O
	9.27	32.67	10.5	W
1465	5.31	54.48	3.4	W
	12.23	54.43	4.8	W
	12.25	54.45	5.2	O
	12.25	54.42	4.0	O
	12.25	54.47	5.3	O
1466	5.19	48.78	38.9	W
	5.19	48.73	37.8	O
	5.20	48.74	38.5	O
	5.25	48.78	39.0	W
	5.25	48.71	38.5	W
	5.29	48.77	38.5	O
1467	5.30	$13^{h}84^{s}$	$56^{\circ}7'$	O
	7.30	33.92	55.7	W
	7.31	33.89	55.8	W
	7.31	33.96	56.7	W
	8.36	33.93	56.0	O
	12.25	33.89	—	O
	12.26	—	57.4	O
	12.36	33.85	55.9	W
1468	7.28	38.36	2.0	W
	7.32	38.37	2.6	W
	8.31	38.36	2.2	O
	8.35	38.37	1.4	O
	12.31	38.30	2.3	W
	12.35	38.35	1.9	O
1469	5.31	15.09	16.9	W
	5.32	15.05	16.9	W
	8.37	15.05	15.9	O
	9.27	15.07	17.3	W
	11.15	15.11	16.0	O
	12.26	15.01	16.5	O
1470	12.25	41.96	51.2	O
	12.25	41.92	51.3	O
	12.25	41.90	51.0	O
	12.34	41.81	50.5	W
	12.35	41.95	52.2	W
	12.37	41.85	50.6	W
1471	3.25	48.90	23.0	W
	3.26	48.88	22.1	W
	3.31	48.94	23.0	W
	12.35	48.83	22.7	O
	13.22	48.78	22.9	O
	13.24	48.79	23.6	O
1472	13.22	52.04	57.2	O
	13.24	52.03	57.2	W
	13.24	52.02	57.7	W
	13.24	52.04	57.8	W
	13.25	52.22	58.0	O
	13.27	52.07	57.5	O
1473	5.31	24.86	17.3	W
	12.35	24.86	18.6	O
	12.38	24.81	16.5	W
	12.39	24.80	16.7	W
	13.22	24.76	17.3	O
	13.35	24.79	17.5	O
1474	13.23	24.89	27.3	W
1475	12.31	33.70	45.2	W
	12.34	33.88	43.8	W
	13.24	33.74	44.4	W
	13.25	33.71	45.7	O
	13.25	33.73	45.2	O
	13.27	33.70	45.2	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890,0	δ	Kr.
1476	7.31	13h00m	55'3	W
	7.31	12.06	57.1	W
	7.32	12.09	57.0	W
	8.31	13.02	55.9	O
	8.35	12.96	56.2	O
	12.26	12.94	56.1	O
1477	2.26	14.57	48.3	O
	2.27	14.54	47.9	O
	2.36	14.55	48.0	O
	3.34	14.55	48.1	W
	5.15	14.51	48.0	W
	5.16	14.53	48.0	W
1478	2.36	13.05	44.0	O
	3.25	13.08	44.2	W
	3.26	13.00	43.4	W
	3.31	13.02	43.6	W
	5.19	13.03	43.5	W
	5.19	12.99	44.6	O
	5.20	13.03	43.9	O
1479	5.25	18.02	19.5	W
	5.28	18.86	19.8	O
	5.30	18.91	18.9	O
	5.30	18.83	19.4	O
	5.31	18.94	18.5	W
	5.32	18.90	19.1	W
1480	2.27	23.75	14.3	O
	2.36	23.76	14.6	O
	3.34	23.69	15.0	W
	5.15	23.69	14.5	W
	5.19	23.71	14.2	O
	5.25	23.73	14.6	W
1481	5.31	8.53	12.9	W
	7.30	8.56	12.9	W
	7.31	8.55	12.0	W
	8.31	8.54	12.0	O
	8.35	8.51	13.0	O
	8.37	8.50	12.3	O
1482	7.32	8.78	37.5	W
	7.32	—	38.1	W
	8.36	8.81	37.4	O
	9.27	8.83	37.5	W
	11.15	8.91	38.4	O
	11.16	8.82	37.6	O
	12.31	8.80	—	O
1483	2.26	30.03	36.5	O
	3.31	30.05	36.3	W
	5.19	29.97	35.2	W
	5.20	30.02	36.4	O
	5.25	29.99	36.1	W
	5.27	30.01	36.4	O
1484	12.23	23h32	32'3	W
	12.25	23.37	31.5	O
	12.25	23.33	32.2	O
	12.31	23.35	31.0	W
	12.34	23.24	31.2	W
	12.35	23.35	31.0	O
1485	7.28	31h75	50.9	W
1486	5.25	36h58	36.2	W
	5.29	36.65	35.1	O
	5.30	36.58	35.1	W
	5.32	36.60	35.3	W
	12.25	36.62	36.2	O
	12.25	36.60	35.0	O
1487	2.30	56.33	19.9	O
	3.25	56.32	19.7	W
	3.26	56.35	19.5	W
	3.34	56.47	(21.5)	W
	5.19	56.30	20.0	O
	5.20	56.33	19.4	O
1488	2.26	23.86	11.1	O
	2.36	23.85	11.4	O
	5.15	23.89	12.0	W
	5.19	23.88	11.9	W
	5.20	23.93	11.8	O
	5.25	23.91	12.0	W
1489	8.36	48.94	37.3	O
	8.37	48.96	37.6	O
	12.25	48.92	39.0	O
	12.25	48.90	38.6	O
	12.34	48.88	36.1:	W
	12.35	48.94	37.4	W
1490	5.31	7.92	10.0	W
	12.35	7.79	9.3	O
	12.36	7.78	10.0	W
	12.38	7.75	10.4	W
	13.22	7.73	10.5	O
	13.22	7.79	10.8	O
1491	7.31	13.80	17.8	W
	7.32	13.84	18.4	W
	8.31	13.78	17.3	O
	8.35	13.83	17.1	O
	9.27	13.84	18.0	W
	12.25	13.82	17.4	O
1492	12.23	35.53	51.1	W
	12.25	35.58	50.7	O
	12.31	35.62	50.4	W
	12.33	35.53	48.7	W
	13.24	35.53	51.4	O
	13.24	35.56	50.6	O
1493	2.36	54h04	3'6	O
	3.25	54.03	3.6	W
	3.26	54.04	4.0	W
	3.31	54.00	3.5	W
	5.15	53.98	3.8	W
	5.19	54.02	3.2	O
	5.20	54.00	3.3	O
1494	5.25	57.81	59.3	W
	5.26	57.81	59.7	W
	5.28	57.86	59.6	O
	5.30	57.78	59.9	O
	5.32	57.79	60.4	W
	12.25	57.75	60.1	O
1495	5.31	5.89	49.9	W
	7.28	5.95	48.9	W
	8.36	5.93	50.6	O
	8.37	5.96	49.6	O
	11.16	5.95	49.6	O
	12.37	5.91	50.8	W
1496	7.31	57.03	0.8	W
	7.32	56.97	1.2	W
	8.31	57.03	0.3	O
	8.35	57.02	0.0	O
	9.27	57.00	0.4	W
	11.15	56.93	—	
	12.26	56.99	0.9	O
1497	11.15	10.72	38.6	O
	12.26	10.81	—	O
	12.27	10.78	37.2	O
	12.35	10.79	37.5	W
	12.35	10.77	37.7	O
	12.36	10.76	38.4	W
	12.37	10.77	38.3	W
1498	5.25	35.23	21.3	W
	5.26	35.25	21.3	W
	5.30	35.20	21.1	O
	5.31	35.25	20.9	W
	8.36	35.25	22.0	O
	12.25	35.21	21.4	O
1500	5.32	36.72	12.2	W
	7.28	36.72	12.9	W
	8.37	36.73	12.0	O
	12.05	36.72	13.8	O
1501	7.31	—	23.0	W
	7.32	9.62	24.0	W
	8.31	9.64	23.2	O
	8.35	9.67	23.5	O
	11.16	9.57	22.7	O
	12.23	9.59	24.1	W
	12.31	9.58	22.6	W
1502	3.25	34h15	29'6	W
	3.26	34.22	28.7	W
	3.31	34.23	29.3	W
	5.19	34.26	28.7	O
	5.20	34.23	28.9	O
	5.27	34.17	29.3	O
1503	5.29	49.65	32.0	O
	5.30	49.78	31.0	W
1504	5.25	9.65	50.0	W
	5.26	9.65	49.4	W
	5.30	9.69	51.0	O
	5.31	9.68	50.3	W
	8.36	9.64	50.0	O
	8.37	9.68	49.9	O
1505	5.32	48.55	44.2	W
	7.28	48.51	44.6	W
	7.31	48.54	45.3	W
	8.31	48.61	45.2	O
	8.35	48.58	45.0	O
	8.36	48.55	45.3	O
1506	12.37	41.22	38.2	W
	12.38	41.18	39.0	W
	13.22	41.20	39.7	O
	13.22	41.20	39.0	O
	13.23	41.16	38.6	W
	13.25	41.16	39.9	O
1507	3.25	43.65	4.9	W
	3.26	43.66	4.8	W
	3.31	43.68	5.2	W
	5.20	43.63	4.0	O
	5.27	43.66	4.8	O
	5.29	43.59	4.9	O
1508	2.26	34.22	53.3	O
	2.27	34.22	53.3	O
	2.36	34.24	52.6	O
	5.15	34.26	52.4	W
	5.16	34.22	53.4	W
	5.19	34.24	54.5	W
1509	2.36	35.76	22.6	O
	2.36	35.66	22.5	O
	2.38	35.66	22.7	O
	5.30	35.77	22.3	W
	12.31	35.72	21.8	W
	12.33	35.65	21.4	W
1510	5.20	55.15	8.3	O
	5.22	55.16	8.0	O
	5.24	55.13	8.5	O
	12.23	54.84	5.4	W
	12.36	54.81	6.1	W
	12.37	54.83	6.7	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1511	5.30	3ʰ 89.0	34°0	O
	11.15	3.93	34.1	O
	11.16	3.87	32.4	O
	12.35	3.90	33.1	W
	12.37	3.86	34.3	W
	12.39	3.93	33.0	W
1512	5.17	58.72	30.1	W
	5.19	58.75	30.4	W
	5.21	58.69	28.4	O
	5.25	58.74	29.6	W
	5.28	58.74	20.8	O
	5.30	58.72	29.1	O
1513	5.31	37.38	30.1	W
	7.28	37.40	30.3	W
	7.31	37.37	30.1	W
	8.31	37.33	28.9	O
	8.35	37.27	29.4	O
	8.36	37.34	30.4	O
1514	2.36	22.13	53.2	O
	2.37	22.20	52.9	O
	2.38	22.14	53.5	O
	3.26	22.17	54.4	W
	3.27	22.21	54.0	W
	3.32	22.18	53.4	W
1515	5.30	29.39	38.9	O
	5.30	29.44	38.9	O
	7.32	29.44	38.7	W
	8.36	29.42	39.1	O
	12.31	29.33	38.0	W
	12.34	29.40	38.8	W
1516	12.37	13.58	48.5	W
	12.38	13.59	49.3	W
	12.39	13.55	49.7	W
	13.22	13.50	48.9	O
	13.22	13.60	49.4	O
	13.25	13.56	48.5	O
1517	2.27	38.12	18.8	O
	2.27	38.09	17.9	O
	2.36	38.11	17.9	O
	5.16	38.20	18.3	W
	5.26	38.12	18.8	W
	5.31	38.06	18.7	W
1518	5.17	5.84	40.3	W
	5.19	5.75	40.6	W
	5.20	5.77	39.1	O
	5.21	5.82	39.2	O
	5.23	5.76	39.3	O
	5.25	5.68	39.5	W
1519	2.36	30ʰ 62	37°4	O
	2.37	30.60	37.2	O
	5.21	30.50	36.6	O
	5.23	30.59	37.6	O
	5.31	30.58	36.9	W
	5.32	30.67	36.7	W
1520	5.23	30.05	17.2	O
	5.25	30.03	18.1	O
	12.23	30.07	18.5	W
	12.25	31.02	18.2	W
	12.34	30.94	17.6	W
	12.35	30.91	18.0	W
1521	2.27	38.03	57.9	O
	2.27	38.04	57.3	O
	5.21	37.96	57.0	O
	12.23	37.95	57.0	W
	12.31	37.99	57.2	W
	12.35	37.88	57.5	W
1522	12.25	1.26	56.1	O
	12.26	1.27	55.6	O
	12.35	1.26	55.7	O
	12.36	1.21	56.2	W
	12.37	1.23	56.1	W
	12.38	1.25	55.5	W
1523	2.36	12.25	29.9	O
	2.37	12.24	29.6	O
	2.38	12.17	28.7	O
	5.17	12.24	29.5	W
	5.31	12.22	30.1	W
	5.31	12.31	29.9	W
1524	5.31	30.15	20.4	W
	7.32	30.07	20.4	W
	8.36	30.08	20.4	O
	8.36	30.08	20.7	O
	12.25	30.01	21.5	O
	12.37	30.04	20.5	W
1525	5.28	36.01	48.8	O
	8.37	35.98	48.3	O
	11.16	35.97	48.7	O
	12.34	36.04	49.6	W
	12.38	36.03	48.2	W
	12.39	35.96	48.1	W
1526	5.25	48.35	38.1	O
	12.25	48.38	38.2	O
	12.25	48.35	38.4	O
	12.35	48.33	39.0	W
	12.36	48.36	36.6	W
	12.39	48.41	37.8	W
1527	2.27	21ʰ 06	32°4	O
	2.28	21.09	33.0	O
	2.36	21.15	32.1	O
	3.29	21.09	31.5	W
	3.27	21.12	32.4	W
	3.32	21.12	32.6	W
1528	5.32	10.84	4.8	W
	7.28	10.87	5.8	W
	7.31	10.91	6.6	W
	8.35	10.88	4.5	O
	8.36	10.83	4.6	O
	8.37	10.88	5.2	O
1529	3.37	28.99	16.1	W
	4.36	29.07	18.5	O
	5.17	29.02	16.7	W
	5.19	29.02	16.9	W
	5.20	29.09	17.3	O
	5.21	29.02	17.4	O
1530	7.32	39.05	15.0	W
	8.36	39.04	14.6	O
	11.15	39.09	18.0	O
	12.25	39.01	16.1	O
	12.31	39.05	16.0	W
	12.37	39.05	15.3	W
1531	8.35	8.17	56.0	O
	11.16	8.15	57.8	O
	12.25	8.13	57.1	O
	12.34	8.10	56.6	W
	12.36	8.14	57.1	W
	12.39	8.13	57.6	W
1532	5.23	20.93	22.1	O
	5.25	20.96	22.0	O
	5.28	20.90	21.7	O
	12.37	20.87	22.7	W
	12.39	20.93	23.9	W
	12.40	20.95	22.8	W
1533	3.26	8.31	16.9	W
	3.27	8.35	15.5	W
	3.32	8.34	15.6	W
	5.21	8.34	15.7	O
	5.23	8.29	16.3	O
	5.30	8.34	16.4	O
1534	5.30	12.93	23.3	O
	12.25	12.90	22.9	O
	12.35	12.88	23.1	W
	12.35	12.87	22.4	O
	12.35	12.91	23.3	W
	12.36	12.93	22.7	W
1535	7.32	16ʰ 77	4°3	W
	7.32	16.77	4.5	W
	8.31	16.74	5.2	O
	8.36	16.76	5.6	O
	8.37	16.76	4.9	O
1536	5.32	11.94	19.8	W
	7.31	11.91	19.8	W
	8.35	11.92	20.1	O
	8.35	11.94	19.1	O
	8.36	11.96	19.1	O
	12.31	11.87	19.7	W
1537	3.37	31.17	15.1	W
	4.36	31.09	16.6	O
	5.16	31.01	15.2	W
	5.17	31.16	15.3	W
	5.20	31.15	14.2	O
	5.21	31.24	15.1	O
1538	5.25	22.91	47.1	O
	5.28	22.91	47.1	O
	7.28	22.98	47.9	W
	7.32	22.99	47.7	W
	8.36	23.00	46.8	O
	12.23	22.84	47.4	W
1539	2.27	11.59	11.2	O
	2.36	11.58	10.8	O
	2.36	11.59	10.7	O
	3.26	11.56	10.3	W
	3.27	11.59	10.6	W
	3.32	11.55	11.0	W
1540	5.30	59.34	44.7	O
	5.32	59.42	46.1	W
	7.31	59.38	45.0	W
	7.32	59.35	45.9	W
	8.31	59.35	44.0	O
	8.35	59.29	45.7	O
1541	2.37	26.10	57.6	O
	2.38	26.13	58.1	O
	2.38	26.15	58.0	O
	3.37	26.12	57.1	W
	5.16	26.13	57.8	W
	5.17	26.11	57.7	W
	5.19	26.15	57.6	W
	5.20	26.08	56.7	O
	5.20	26.07	57.8	O
	5.23	26.15	57.4	O
1542	5.28	15.02	20.8	O
	7.28	15.98	20.7	W
	7.31	15.95	21.1	W
	7.32	15.97	20.7	W
	8.31	15.95	20.6	O
	8.35	16.06	19.4	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1543	2.27	31h58	19°0	O
	2.36	31.60	19.8	O
	2.36	31.67	20.0	O
	3.26	31.58	19.5	W
	3.27	31.65	20.1	W
	3.32	31.61	19.5	W
1544	5.23	34.03	44.1	O
	5.23	33.92	43.6	O
	5.25	33.91	43.3	O
	12.23	33.83	45.8	W
	12.31	33.92	46.4	W
	12.34	33.91	47.9	W
1545	4.36	44.98	3.6	O
	5.19	44.96	4.8	W
	5.20	45.00	4.4	O
	5.21	44.94	3.9	O
	12.33	(44.82)	5.9	W
	12.36	44.99	4.0	W
	12.39	44.92	4.6	W
1546	2.37	48.64	22.3	O
	2.38	48.63	22.7	O
	2.39	48.57	21.8	O
	3.37	48.48	22.5	W
	5.16	48.57	23.2	W
	5.17	48.59	22.2	W
1547	5.30	4.51	28.3	O
	7.32	4.56	27.7	W
	8.35	4.49	27.0	O
	8.36	4.53	28.0	O
	8.38	4.55	28.8	W
1548	5.25	7.43	31.5	O
	5.28	7.44	31.6	O
	5.32	7.43	31.1	W
	7.28	7.40	31.6	W
	7.31	7.40	30.7	W
	8.31	7.35	30.6	O
1549	3.26	26.82	42.6	W
	3.27	26.82	42.7	W
	3.32	26.76	42.8	W
	4.36	26.80	41.2	O
	5.21	26.81	42.3	O
	5.23	26.80	42.8	O
1550	7.32	40.32	38.8	W
	8.36	40.33	39.4	O
	8.37	40.29	39.2	O
	12.23	—	38.4	W
	12.25	40.24	39.8	O
	12.31	40.33	—	W
	12.34	40.38	38.9	W
1551	2.27	4h00	6°4	O
	2.36	4.04	6.6	O
	2.36	4.04	6.4	O
	3.37	3.96	5.7	W
	5.17	4.01	6.2	W
	5.19	3.90	5.3	W
1552	2.37	18.70	57.5	O
	2.38	18.68	56.9	O
	5.20	18.68	56.3	O
	12.37	18.60	56.9	W
	12.39	18.56	57.1	W
	12.40	18.62	57.0	W
1553	5.28	50.19	44.5	O
	12.25	50.20	45.1	O
	12.26	50.17	45.6	O
	12.31	50.22	45.1	W
	12.39	50.23	45.0	W
	12.40	50.11	44.1	W
1555	3.26	14.73	41.3	W
	3.27	14.76	41.3	W
	3.32	14.79	41.4	W
	4.36	14.67	41.0	O
	5.21	14.69	40.7	O
	5.23	14.75	40.2	O
1556	12.25	59.56	24.1	O
	12.26	59.54	24.0	O
	12.27	59.57	23.8	O
	12.31	59.50	—	W
	12.36	59.56	22.0	W
	12.37	59.59	22.8	W
	12.39	59.53	21.6	W
1558	7.31	16.36	42.8	W
	7.32	16.43	42.8	W
	8.31	16.33	44.4	O
	8.33	16.30	43.4	O
	8.36	16.34	42.2	O
	8.38	16.32	41.7	W
1559	8.35	55.88	46.3	O
	8.36	55.88	46.9	O
	8.37	55.93	46.9	O
	12.31	55.90	47.3	W
	12.35	55.87	46.0	W
	12.37	55.90	46.8	W
1560	2.27	21.31	24.2	O
	2.36	21.37	24.5	O
	3.20	21.34	25.1	W
	3.27	21.32	25.3	W
	3.32	21.30	25.4	W
	5.20	21.30	24.7	O
1561	4.36	50h05	17°5	O
	5.21	58.99	17.1	O
	5.23	59.04	16.7	O
	12.34	59.08	19.0	W
	12.38	59.09	18.3	W
	12.39	59.06	18.6	W
1562	2.36	32.50	22.3	O
	2.38	32.51	22.4	O
	2.38	32.47	22.8	O
	3.37	32.49	22.5	W
	12.35	32.49	23.4	W
	12.39	32.45	22.3	W
1563	5.30	17.66	47.9	O
	5.30	17.71	48.4	O
	7.28	17.74	46.6	W
	7.31	17.68	46.3	W
	7.32	17.73	45.6	W
	8.33	17.68	47.8	O
1564	12.25	37.81	10.9	O
	12.25	37.79	11.2	O
	12.26	37.85	10.9	O
	12.30	37.85	11.1	W
	12.38	37.80	10.5	W
	12.39	37.80	10.2	W
	12.40	37.85	10.9	W
1565	5.25	51.94	33.1	O
	5.25	51.94	33.0	O
	7.32	51.93	34.1	W
	8.35	51.96	33.1	O
	8.38	52.00	33.0	W
	12.37	51.81	33.8	W
1566	5.30	17.75	49.4	O
	8.31	17.75	49.4	O
	8.36	17.72	49.8	O
	12.34	17.71	49.5	W
	12.35	17.72	51.1	W
1568	2.27	54.16	47.3	O
	2.36	54.19	47.2	O
	2.36	54.13	47.4	O
	3.25	54.12	47.5	W
	3.26	54.08	47.3	W
	3.31	54.13	47.5	W
1569	5.30	1.35	49.7	O
	5.30	1.39	48.6	O
	7.32	1.32	47.9	W
	8.35	1.37	48.0	O
	8.38	1.40	48.9	W
1570	7.28	25.11	57.9	W
	7.31	25.03	58.7	W
	8.31	25.07	60.0	O
	8.33	25.05	60.3	O
	8.36	25.03	59.7	O
1571	2.27	33h40	18°6	O
	2.36	33.33	18.6	O
	2.36	33.37	18.7	O
	3.25	33.33	19.7	W
	3.26	33.31	19.3	W
	3.31	33.31	18.3	W
1572	5.30	54.34	30.1	O
	5.30	54.48	30.3	O
	7.31	54.43	29.3	W
	7.32	54.48	28.8	W
	8.36	54.42	30.5	O
	12.37	54.40	30.1	W
1573	2.36	57.78	29.9	O
	2.38	57.85	30.3	O
	2.38	57.74	29.7	O
	3.37	57.76	29.6	W
	5.16	57.86	30.3	W
	5.19	57.80	30.2	W
1574	2.39	42.94	35.2	O
	4.36	42.78	35.7	O
	5.19	42.78	34.5	O
	12.36	42.61	34.7	W
	12.36	42.65	34.4	W
	12.37	42.71	34.9	W
1575	2.27	1.98	16.8	O
	2.36	1.99	16.9	O
	3.25	1.95	17.6	W
	3.26	1.94	18.0	W
	3.31	1.90	18.0	W
	5.19	1.89	16.6	O
1576	5.25	34.67	4.6	O
	5.25	34.66	5.0	O
	5.28	34.66	4.4	O
	7.32	34.58	5.2	W
	7.32	34.58	5.3	W
	9.24	34.72	5.2	W
1577	2.36	47.94	21.2	O
	2.36	47.92	21.2	O
	2.38	47.97	21.5	O
	3.37	47.97	21.3	W
	5.16	47.94	21.6	W
	5.19	47.98	21.7	W
1578	5.29	12.86	44.8	O
	5.30	12.88	45.2	O
	5.30	12.92	44.9	O
	12.34	12.82	44.8	W
	12.39	12.80	45.6	W
	12.40	12.84	44.2	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1579	7.32	53h02	14°6	W
	8.31	54.01	14.4	O
	9.24	53.92	14.3	W
	11.16	53.90	14.6	O
	12.25	53.91	13.5	O
	12.37	53.92	14.2	W
1580	2.39	0.18	30.4	O
	3.25	0.13	32.2	W
	3.26	0.13	31.9	W
	3.31	0.17	31.4	W
	4.36	0.11	31.2	O
	5.36	0.18	30.7	O
1581	12.35	17.04	39.2	O
	12.40	17.04	34.2	W
	13.22	16.95	35.0	O
	13.23	17.02	35.6	O
	13.24	16.99	34.8	W
	13.24	17.04	34.9	W
1582	5.29	18.72	47.8	O
	5.30	18.72	46.6	O
	7.28	18.70	46.5	W
	7.32	18.63	46.8	W
	8.36	18.62	46.1	O
	13.24	18.68	47.5	W
1583	5.25	42.77	44.5	O
	5.25	42.76	44.8	O
	5.28	42.82	43.4	O
	12.40	42.73	44.6	W
	12.40	42.80	44.9	W
	13.24	42.81	44.5	W
1584	2.27	59.53	5.9	O
	2.36	59.60	5.7	O
	2.36	59.53	5.6	O
	3.37	59.56	7.0	W
	5.19	59.57	5.9	W
	5.29	59.30	6.1	O
	13.23	59.51	6.0	W
1585	2.36	56.08	37.2	O
	2.38	56.04	36.9	O
	2.39	56.09	36.9	O
	9.24	56.02	37.1	W
	12.39	56.07	36.5	W
	13.23	56.05	37.2	W
1586	5.25	9.71	49.2	O
	5.25	9.79	48.3	O
	5.28	9.72	50.0	O
	7.28	9.75	49.8	W
	7.31	9.75	49.3	W
	7.32	9.73	49.6	W
1587	2.27	13h31	33°3	O
	2.36	13.34	33.4	O
	2.36	13.31	33.0	O
	3.25	13.38	34.5	W
	3.26	13.30	34.4	W
	3.31	13.32	34.2	W
1588	2.36	14.35	16.2	O
	2.38	14.37	15.9	O
	2.39	14.39	15.6	O
	3.37	14.39	15.5	W
	5.19	14.42	15.8	W
	5.19	14.35	16.2	W
1589	5.29	3.45	48.6	O
	5.30	3.46	48.4	O
	5.30	3.45	49.1	O
	7.32	3.45	47.8	W
	8.38	3.42	48.3	W
	8.40	3.48	48.2	W
1590	5.25	22.86	40.0	O
	5.25	22.80	39.1	O
	5.28	22.96	39.8	O
	7.32	22.82	40.3	W
	9.24	22.85	40.1	W
	12.34	22.86	41.6	W
1591	5.29	29.50	35.5	O
	5.29	29.51	35.5	O
	5.30	29.47	35.3	O
	7.28	29.45	34.6	W
	7.31	29.56	35.1	W
	7.32	29.42	34.3	W
1592	5.29	7.27	28.2	O
	5.30	7.12	28.1	O
	8.36	7.17	28.3	O
	8.38	7.18	28.6	W
	12.35	7.12	28.7	W
	12.36	7.10	27.5	W
1593	11.16	3.13	6.1	O
	12.40	3.08	5.8	W
	12.40	3.11	5.0	W
	12.40	3.09	4.2	W
	13.22	3.10	6.4	O
	13.22	3.10	6.6	O
1595	5.30	1.41	18.8	O
	8.38	1.32	19.9	W
	12.39	1.34	20.0	W
	12.40	1.28	18.7	W
	13.22	1.32	19.8	O
	13.22	1.31	19.7	O
1596	2.38	5h31	51°8	O
	2.39	5.36	52.3	O
	3.25	5.37	52.0	W
	3.26	5.31	52.0	W
	3.31	5.31	52.5	W
	5.19	5.27	51.5	O
1597	4.36	6.84	25.1	O
	5.16	6.89	25.3	W
	5.20	6.80	25.3	O
	5.22	6.80	24.9	O
	5.24	6.76	25.7	O
	9.24	6.83	25.2	W
1598	5.25	30.09	12.8	O
	5.30	30.08	13.3	O
	5.30	30.18	13.5	O
	7.28	30.13	15.4	W
	7.32	30.17	14.0	W
	12.31	30.20	13.5	W
1599	5.22	34.92	14.9	O
	5.27	34.83	15.9	O
	5.28	34.96	15.2	O
	12.33	34.80	16.5	W
	12.35	34.80	16.4	W
	12.38	34.68	16.2	W
1600	2.36	40.84	38.4	O
	2.36	40.86	38.3	O
	2.38	40.94	38.4	O
	5.19	40.89	38.7	W
	12.36	40.90	38.0	W
	12.36	40.89	38.9	W
1601	5.29	46.19	29.0	O
	5.29	46.13	—	O
	5.30	46.13	29.8	O
	5.30	46.13	29.2	O
	7.31	46.20	30.4	W
	7.32	46.19	28.5	W
	8.38	46.11	29.2	W
	8.40	46.14	29.5	W
1602	5.25	21.33	9.2	O
	5.30	21.31	9.0	O
	7.28	21.34	9.3	W
	7.32	21.36	8.9	W
	8.31	21.31	9.9	O
	12.37	21.31	9.8	W
1603	2.36	46.72	28.3	O
	2.36	46.79	28.1	O
	2.38	46.75	28.0	O
	3.25	46.85	28.5	W
	3.26	46.82	28.2	W
	3.31	46.79	27.7	W
1604	5.29	57h82	27°1	O
	8.36	57.81	27.2	O
	8.37	57.78	27.1	O
	9.24	57.78	28.5	W
	12.34	57.80	27.5	W
	12.39	57.76	28.7	W
1605	8.35	6.43	13.2	O
	11.16	6.38	13.6	O
	12.35	6.31	14.1	O
	12.39	6.30	12.4	W
	12.40	6.39	13.2	W
	12.40	6.32	14.7	W
1606	7.32	58.86	4.9	W
	8.31	58.92	6.4	O
	8.40	58.93	5.6	W
	12.35	58.89	6.4	O
	12.40	58.94	5.4	W
	13.22	58.92	6.0	O
1607	5.29	50.38	9.2	O
	7.28	50.38	9.4	W
	7.31	50.36	10.1	W
	7.32	50.40	10.3	W
	8.31	50.33	9.3	O
	8.35	50.37	9.4	O
1608	5.25	1.90	47.1	O
	5.29	1.95	46.1	O
	5.30	1.96	47.0	O
	7.32	1.99	46.6	W
	9.24	1.92	47.7	W
	12.34	1.90	47.4	W
1609	5.29	48.20	18.8	O
	5.30	48.26	18.4	O
	7.28	48.25	18.3	W
	7.32	48.24	17.9	W
	7.32	48.22	18.5	W
	8.31	48.21	18.8	O
1610	5.25	36.90	55.8	O
	5.25	36.88	55.8	O
	5.29	36.84	55.1	O
	9.24	36.86	56.0	W
	12.34	36.86	55.2	W
	13.23	36.90	56.3	W
1611	12.40	25.60	40.8	W
	13.22	25.61	40.2	O
	13.24	25.62	39.6	W
	13.24	25.59	41.0	O
	13.24	25.65	40.6	O
	13.25	25.63	40.4	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1612	2.36	45h02	50° 0	O
	2.36	45.04	49.7	O
	2.38	45.06	49.3	O
	3.31	45.08	48.8	W
	3.37	45.06	49.0	W
	13.23	45.00	50.2	W
1613	8.35	19.70	18.7	O
	13.22	19.67	20.4	O
	13.24	19.71	21.0	W
	13.24	19.68	20.8	W
	13.25	19.66	20.2	O
	13.26	19.66	20.6	W
1614	13.24	56.79	31.5	W
	13.27	56.77	30.2	W
	13.27	56.75	30.6	O
	13.27	56.74	31.2	O
	13.28	56.83	30.8	O
	13.30	56.70	30.7	W
1615	13.25	4.37	58.8	O
	13.25	4.26	59.1	O
	13.28	4.40	59.7	O
	13.29	4.39	59.7	W
	13.29	4.37	59.5	W
	13.29	4.27	59.8	W
1616	2.39	27.55	18.5	O
	3.39	27.53	17.7	W
	3.39	(27.27)	17.4	W
	5.16	27.56	18.4	W
	5.19	27.54	18.5	W
	5.22	27.61	18.7	O
	5.24	27.53	18.7	O
1617	4.36	33.37	11.6	O
	5.24	33.37	11.9	O
	5.27	33.33	12.5	O
	12.40	33.29	12.5	W
	13.23	33.30	13.0	W
	13.23	33.34	13.4	W
1618	5.29	10.39	30.7	O
	5.29	10.36	31.9	O
	5.30	10.37	30.7	O
	5.31	10.35	30.9	W
	7.28	10.40	31.2	W
	9.24	10.34	31.6	W
1619	5.30	57.55	42.4	O
	7.31	57.53	43.8	W
	8.31	57.54	43.5	O
	8.35	57.53	41.8	O
	8.38	57.51	44.2	W
	12.40	57.45	43.6	W
1620	2.38	38.43	—	O
	3.32	38.47	23.6	W
	5.17	38.40	25.2	W
	5.22	38.44	25.2	O
	5.23	38.44	24.9	O
	12.40	38.53	26.6	W
	13.22	38.53	27.8	O
1621	2.36	0.27	42.7	O
	2.36	0.27	43.3	O
	2.38	0.28	42.4	O
	3.37	0.25	42.6	W
	5.19	0.25	41.5	W
	13.23	0.24	42.1	W
1622	5.29	19.74	9.1	O
	5.29	19.67	8.8	O
	5.30	19.65	9.7	O
	5.31	19.94	9.4	W
	7.31	19.85	9.5	W
	13.24	19.70	10.6	W
1623	4.36	36.66	34.1	O
	5.22	36.12	34.7	O
	5.24	36.15	34.6	O
	13.24	36.09	36.0	W
	13.24	36.07	35.9	W
	13.25	36.11	35.6	W
1624	5.22	35.32	33.4	O
	5.27	35.24	32.6	O
	5.28	35.25	33.5	O
	13.23	35.27	34.1	W
	13.26	35.29	34.5	W
	13.26	35.27	33.1	W
1626	2.27	10.74	58.0	O
	2.38	10.81	58.8	O
	2.39	10.77	59.4	O
	12.40	10.79	59.0	W
	13.23	10.77	59.2	W
	13.24	10.76	58.7	W
1627	2.36	6.49	34.3	O
	2.36	6.52	34.1	O
	2.38	6.50	33.8	O
	3.37	6.45	33.4	W
	5.16	6.31	33.2	W
	5.19	6.34	33.0	W
1628	5.29	14.80	14.5	O
	5.29	14.73	15.8	O
	5.31	14.68	16.6	W
	7.31	14.74	14.9	W
	8.36	14.77	15.0	O
	12.40	14.72	16.5	W
1629	3.39	17h28	28° 4	W
	3.39	17.22	31.0	W
	4.36	17.32	28.1	O
	5.22	17.25	30.3	O
	5.24	17.29	29.6	O
	12.36	17.34	30.3	W
1630	5.30	26.95	45.3	O
	7.31	26.99	44.9	W
	8.31	26.94	45.7	O
	8.35	26.93	44.8	O
	8.40	26.97	43.5	W
	9.24	26.95	44.8	W
	13.22	26.66	44.8	O
1631	5.30	39.76	26.3	O
	8.31	39.71	25.6	O
	8.35	39.71	25.6	O
	8.38	39.76	25.1	W
	8.40	39.76	26.4	W
	13.24	39.67	25.8	W
1632	7.28	41.25	11.1	W
	13.22	41.31	11.5	O
	13.23	41.23	12.3	W
	13.24	41.27	11.4	W
	13.25	41.19	11.3	O
	13.25	41.22	11.6	O
1633	5.31	31.89	11.9	W
	8.36	31.93	14.1	O
	11.16	31.90	13.5	O
	12.40	31.92	11.4	W
	13.22	31.93	12.5	O
	13.24	31.84	11.2	W
1634	5.30	47.85	8.2	O
	5.30	47.94	7.9	O
	7.30	47.91	7.3	W
	7.31	47.92	8.4	W
	8.35	47.95	6.6	O
	8.40	47.90	7.9	W
1635	7.31	59.37	36.0	W
	8.31	59.28	34.5	O
	8.31	59.35	33.5	O
	8.35	59.34	33.6	O
	8.38	59.39	34.7	W
	8.40	59.30	35.1	W
1636	3.37	37.68	1.4	W
	4.36	37.61	1.0	O
	5.22	37.63	0.5	O
	5.24	37.61	1.2	O
	5.30	37.62	1.6	W
	9.24	37.59	0.7	W
1637	5.29	49.40	38.2	O
	5.30	49.44	37.8	O
	5.30	49.40	37.5	O
	7.28	49.43	37.1	W
	7.30	49.42	38.5	W
	7.32	49.42	37.1	W
1638	2.36	5.86	28.0	O
	2.38	5.78	27.4	O
	2.39	5.76	27.7	O
	3.39	5.74	28.0	W
	3.40	5.75	27.8	W
	5.17	5.80	27.9	W
1639	3.26	14.19	19.0	W
	3.27	14.26	19.0	W
	3.37	14.20	18.9	W
	4.36	14.17	17.4	O
	5.23	14.17	19.1	O
	5.23	14.20	18.5	O
1640	5.25	41.99	17.3	O
	5.29	42.05	17.6	O
	5.30	42.06	15.9	O
	5.31	42.17	17.2	W
	7.28	42.08	17.4	W
	7.31	42.10	17.4	W
	7.32	42.07	18.5	W
1642	5.29	1.93	57.7	O
	5.30	1.97	57.2	O
	5.31	2.04	57.4	W
	7.32	2.06	57.6	W
	8.35	1.97	57.6	O
	9.24	2.02	57.0	W
1643	2.36	48.21	9.2	O
	2.38	48.19	9.8	O
	2.39	48.25	9.5	O
	3.37	48.24	9.4	W
	3.37	48.17	10.1	W
	3.38	48.17	9.7	W
1644	5.25	10.86	40.4	O
	5.25	10.87	40.3	O
	5.28	10.76	40.3	O
	5.31	10.89	40.2	W
	7.28	10.80	39.8	W
	7.30	10.79	40.8	W
1645	5.29	10.99	54.9	O
	5.30	10.92	54.7	O
	5.30	10.98	54.9	O
	7.31	10.96	53.9	W
	7.31	10.97	53.5	W
	7.32	10.92	54.1	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890,0	δ 1890,0	Kr.
1646	5.29	12ᵖ91	60°3	O
	5.30	12.96	58.7	O
	5.31	12.98	59.2	W
	8.31	12.97	59.5	O
	8.38	12.92	59.8	W
	8.38	12.96	59.7	W
1647	5.25	35.92	30.2	O
	5.25	35.90	30.3	O
	5.29	35.86	29.8	O
	5.31	35.92	29.8	W
	7.28	35.92	30.1	W
	7.30	35.98	30.0	W
1648	3.39	38.71	37.2	W
	4.36	38.69	36.5	O
	5.17	38.73	36.5	W
	5.19	38.72	36.6	W
	5.23	38.71	37.3	O
	5.25	38.74	36.4	O
1649	5.29	40.57	19.3	O
	5.30	40.54	18.5	O
	5.30	40.56	19.5	O
	5.31	40.47	19.0	W
	5.32	40.55	17.6	W
	7.31	40.51	18.9	W
1650	7.32	15.97	20.1	W
	8.31	16.01	20.1	O
	8.35	15.95	20.0	O
	8.35	15.98	19.2	O
	8.38	15.91	20.3	W
	8.40	15.96	20.3	W
1651	5.29	32.68	16.5	O
	5.29	32.70	16.0	O
	5.30	32.70	16.2	O
	7.31	32.70	15.6	W
	8.38	32.76	16.3	W
	8.40	32.68	17.2	W
1652	2.36	42.85:	22.1	O
	2.38	42.70	22.1	O
	2.39	42.60	21.7	O
	3.37	42.72	22.5	W
	3.37	42.74	21.7	W
	3.38	42.72	23.0	W
1653	3.35	57.73	30.6	W
	3.39	57.75	30.8	W
	3.40	57.75	30.5	W
	5.23	57.76	30.2	O
	5.25	57.81	30.5	O
	5.28	57.84	30.3	O
1654	5.31	2ᵖ45	26°4	W
	8.35	2.51	27.4	O
	8.36	2.49	26.4	O
	9.24	2.50	26.7	W
	9.43	2.47	27.0	W
	13.22	2.55	26.8	O
1655	5.30	45.99	4.1	O
	5.30	45.83	4.4	O
	5.31	46.01	2.9	W
	5.32	46.00	2.9	W
	7.28	46.00	3.1	W
	12.35	45.94	4.8	O
1656	5.29	51.21	26.3	O
	7.31	51.23	26.7	W
	8.35	51.14	26.9	O
	8.38	51.23	28.0	W
	8.40	51.10	27.6	W
	13.22	51.23	26.0	O
1657	5.30	3.93	16.8	O
	7.30	3.92	16.5	W
	7.31	3.91	17.4	W
	7.32	3.95	15.7	W
	8.35	3.95	16.2	O
	8.35	3.99	17.6	O
1658	5.30	58.41	40.6	O
	5.31	58.42	40.8	W
	8.31	58.41	39.5	O
	8.36	58.40	39.7	O
	8.38	58.36	41.5	W
	8.40	58.33	40.5	W
1659	3.39	30.25:	52.7	W
	3.39	30.04	53.1	W
	3.40	30.00	51.7	W
	5.23	30.11	53.1	O
	5.25	30.15	52.8	O
	5.25	30.15	52.6	O
1660	5.30	52.63	35.7	O
	5.30	52.67	36.0	O
	5.31	52.74	35.8	W
	7.30	52.74	37.2	W
	7.31	52.66	36.1	W
	8.35	52.64	36.2	O
1661	8.35	6.89	24.9	O
	12.40	6.89	23.8	W
	13.22	7.03	24.5	O
	13.22	6.95	25.6	O
	13.23	7.01	23.7	W
	13.24	6.90	24.8	W
1662	5.17	59ᵖ57	58°2	W
	5.19	59.60	58.2	W
	5.20	59.66	58.8	O
	5.29	59.57	58.7	O
	5.30	59.53	59.8	O
	5.31	59.59	59.3	W
1663	7.30	12.02	2.5	W
	7.31	12.04	1.2	W
	8.35	12.11	0.9	O
	8.38	12.02	1.4	W
	11.16	11.96	2.2	O
	13.22	12.00	1.7	O
1666	3.39	18.20	18.4	W
	3.40	18.25	18.5	W
	5.20	18.21	18.7	O
	5.28	18.26	19.2	O
	5.29	18.25	18.4	O
	5.29	18.24	20.0	W
1667	3.39	23.26	41.0	W
	5.30	23.10	40.1	O
	5.30	23.12	40.0	O
	5.30	23.17	40.7	O
	12.40	23.13	41.7	W
	13.23	23.20	40.9	W
1668	5.25	55.09	41.0	O
	5.25	55.04	38.7	O
	5.29	55.10	39.9	O
	5.31	55.15	39.6	W
	5.32	55.12	39.7	W
	7.28	55.09	40.3	W
1669	5.30	13.39	14.2	O
	5.30	13.41	13.8	O
	5.31	13.40	13.7	W
	7.30	13.41	15.4	W
	7.31	13.42	14.8	W
	8.35	13.40	14.4	O
1670	5.25	42.71	56.9	O
	5.29	42.71	57.3	O
	7.31	42.66	57.1	W
	8.35	42.74	57.6	O
	8.38	42.69	57.4	W
	8.38	42.72	57.5	W
1671	2.38	7ᵖ30	47°5	O
	2.39	7.31	48.0	O
	3.32	7.29	48.4	W
	3.35	7.26	48.6	W
	3.35	7.32	47.9	W
	3.37	7.33	48.1	W
	5.17	7.32	47.5	W
	5.23	7.31	—	O
1672	5.30	16.84	33.1	O
	5.30	16.81	33.9	O
	5.31	16.70	32.2	W
	7.28	16.79	32.9	W
	8.35	16.81	33.6	O
	8.40	16.76	32.7	W
1673	5.32	3.51	15.9	W
	8.36	3.59	15.9	O
	8.40	3.52	15.4	W
	9.24	3.62	15.3	W
	11.16	3.57	16.0	O
	13.22	3.61	16.4	O
1674	7.31	7.59	36.4	W
	8.35	7.58	36.7	O
	8.42	7.62	38.8:	W
	9.43	7.58	36.7	W
	13.22	7.60	37.1	O
	13.25	7.63	36.2	O
1675	5.31	12.93	47.9	W
	7.28	12.85	48.5	W
	8.35	12.88	48.1	O
	8.35	12.88	48.8	O
	8.38	12.89	50.3	W
	13.22	12.76	49.4	O
1676	5.25	17.60	51.1	O
	5.25	17.53	51.7	O
	5.30	17.68	52.2	O
	8.39	17.69	51.1	W
	8.40	17.62	52.7	W
	9.43	17.64	52.9	W
1677	5.30	30.67	32.5	O
	8.36	30.60	32.6	O
	8.40	30.55	32.8	W
	8.42	30.62	32.6	W
	9.24	30.74	32.9	W
	11.16	30.63	32.7	O
1678	5.29	29.94	8.0	O
	5.30	29.98	7.7	O
	5.32	29.98	8.1	W
	8.35	29.99	8.1	O
	9.43	29.95	9.0	W
	12.40	29.94	7.9	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1679	5.31	28h9	26°7	W
	7.32	2.84	26.9	W
	12.06	—	28.7	O
	12.40	2.80	27.1	W
	13.22	2.85	27.3	O
	13.22	(2.64)	26.8	O
	13.25	2.85	28.2	O
1680	7.28	25.75	55.1	W
	8.35	25.73	53.3	O
	8.35	25.70	55.1	O
	8.36	25.74	54.0	O
	8.38	25.74	56.5	W
	9.43	25.70	54.2	W
1681	2.36	41.07	15.6	O
	2.38	41.03	15.8	O
	2.39	41.08	15.1	O
	3.32	41.07	15.6	W
	3.35	41.02	16.1	W
	3.35	41.00	15.5	W
1682	5.30	59.43	24.6	O
	5.30	59.36	24.4	O
	5.30	59.47	24.0	O
	5.31	59.47	24.8	W
	8.39	59.33	23.8	W
	8.42	59.40	24.0	W
1683	5.25	7.31	18.6	O
	5.29	7.38	17.5	O
	8.35	7.34	17.3	O
	8.40	7.33	18.4	W
	8.40	7.38	18.0	W
	9.43	7.35	19.3	W
1684	5.32	19.70	52.8	W
	7.32	19.70	54.6	W
	8.35	19.72	54.4	O
	8.35	19.69	53.4	O
	8.38	19.68	55.0	W
	13.25	19.67	54.5	O
1685	5.30	42.28	21.7	O
	5.30	42.34	21.5	O
	5.31	42.34	20.3	W
	5.32	42.23	20.9	W
	7.30	42.31	20.6	W
	8.35	42.35	21.3	O
1686	5.30	11.62	15.7	O
	7.31	11.56	15.8	W
	7.32	11.63	16.8	W
	8.35	11.60	14.7	O
	8.35	11.64	14.3	O
	8.38	11.58	16.2	W
1687	2.38	17h41	19°6	O
	3.37	17.29	18.6	W
	3.37	17.36	19.7	W
	3.38	17.36	18.5	W
	4.36	17.31	18.9	O
	5.25	17.32	19.0	O
1688	2.30	37.64	49.8	O
	2.39	(37.78)	(47.3)	O
	3.32	37.56	50.1	W
	3.35	37.66	50.3	W
	3.35	37.61	50.8	W
	3.40	37.53	51.0	W
	5.29	37.70	50.5	O
1689	5.30	56.30	21.8	O
	5.31	56.23	21.5	W
	8.36	56.28	20.6	O
	8.38	56.28	22.0	W
	8.40	56.27	21.9	W
	13.22	56.26	21.3	O
1690	9.43	6.51	32.4	W
	11.16	6.42	33.2	O
	13.22	6.55	32.5	O
	13.23	6.50	32.4	W
	13.24	6.53	32.7	W
	13.25	6.52	32.4	O
1691	3.39	49.58	13.9	W
	5.17	49.59	13.6	W
	5.19	49.65	14.4	W
	13.25	49.69	12.6	O
	13.25	49.64	13.6	O
	13.27	49.68	14.4	W
	13.27	49.66	14.1	O
1692	3.39	4.23	35.5	W
	3.40	4.20	34.3	W
	3.43	4.18	(32.1)	W
	5.25	4.24	34.6	O
	5.29	4.17	34.6	O
	5.30	4.24	35.2	O
	5.30	4.20	35.0	O
1693	8.38	29.30	42.8	W
	13.22	29.26	42.3	O
	13.24	29.30	42.6	W
	13.24	29.35	44.0	W
	13.24	29.27	43.2	W
	13.28	29.25	42.7	O
1694	2.36	0.25	31.0	O
	2.38	0.38	31.0	O
	3.37	0.34	31.9	W
	3.37	0.25	31.0	W
	3.38	0.27	30.9	W
	5.25	0.34	32.3	O
1695	13.22	20h21	27°2	O
	13.25	20.26	27.7	O
	13.25	20.25	26.8	O
	13.26	20.24	28.2	W
	13.27	20.21	28.3	W
	13.29	20.21	26.8	W
1696	5.30	37.56	9.4	O
	8.38	37.58	9.7	W
	9.43	37.50	9.1	W
	13.23	37.43	9.4	W
	13.25	37.49	8.0	O
	13.27	37.39	9.1	O
1697	5.29	43.38	17.0	O
	8.40	43.35	17.5	W
	13.24	43.36	18.0	W
	13.24	43.31	17.7	W
	13.27	43.33	17.1	O
	13.32	43.24	17.3	O
1698	7.30	53.58	8.8	W
	8.35	53.58	9.1	O
	8.35	53.64	9.1	O
	8.38	53.52	8.9	W
	8.40	53.59	8.8	W
	11.16	53.54	9.0	O
	12.40	53.57	—	W
	13.22	53.47	8.3	W
	13.40	53.60	8.0	O
1700	13.22	34.61	33.0	O
	13.25	34.61	35.0	O
	13.25	34.60	35.3	O
	13.26	34.63	34.4	W
	13.26	34.63	34.7	W
	13.29	34.65	34.5	W
1701	2.36	48.13	2.0	O
	2.38	48.14	2.2	O
	2.39	48.10	1.8	O
	3.32	48.15	1.8	W
	3.35	48.08	2.3	W
	3.35	48.11	2.3	W
1702	13.27	48.17	19.1	W
	13.27	48.23	19.7	O
	13.28	48.12	20.7	O
	13.28	48.20	21.1	O
	13.29	48.19	16.9	W
	13.29	48.16	18.0	W
1703	8.38	3.62	58.8	W
	13.24	3.61	58.6	W
	13.24	3.53	58.2	W
	13.25	3.52	58.6	O
	13.27	3.61	57.8	O
	13.31	3.53	60.0	O
1704	3.37	19h12	2°9	W
	3.37	19.11	2.3	W
	3.38	19.07	1.9	W
	3.39	19.10	2.7	W
	4.36	19.14	4.1	O
	4.41	19.08	4.3	O
	5.29	19.10	3.5	O
1705	9.40	20.44	46.4	W
	9.43	20.41	46.1	W
	13.28	20.40	45.4	O
	13.29	20.37	44.8	W
	13.31	20.40	45.6	O
	13.32	20.41	45.2	O
1706	13.23	9.50	23.6	W
	13.24	9.53	24.0	W
	13.25	9.57	23.0	O
	13.26	9.51	22.0	W
	13.27	9.51	24.2	O
	13.28	9.48	24.1	O
1707	5.30	10.23	33.0	O
	7.30	10.26	33.2	W
	8.35	10.20	33.7	O
	8.38	10.17	32.9	W
	8.40	10.23	33.0	W
	13.25	10.20	34.3	O
	13.25	10.29	34.1	O
1708	8.39	10.98	45.5	W
	8.42	10.97	46.2	W
	13.22	10.95	45.3	O
	13.24	10.91	46.6	W
	13.31	10.90	47.1	O
	13.33	10.91	45.4	O
1709	5.32	53.61	18.2	W
	7.31	53.58	18.2	W
	7.45	53.58	18.9	W
	8.35	53.62	17.7	O
	8.35	53.58	18.1	O
	8.36	53.58	17.7	O
1710	3.32	44.56	30.5	W
	3.35	44.57	30.8	W
	3.35	44.57	30.3	W
	4.41	44.50	31.1	O
	5.25	44.51	30.1	O
	5.25	44.60	30.0	O
1711	2.36	52.41	23.1	O
	2.38	52.44	23.6	O
	2.39	52.42	24.5	O
	3.37	52.40	22.6	W
	3.37	52.45	23.0	W
	3.38	52.44	23.6	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890,0	δ 1890,0	Kr.
1712	5.30	54.56	26.2	O
	5.30	54.61	26.5	O
	5.30	54.54	26.3	O
	8.38	54.49	27.7	W
	9.42	54.38	27.2	W
	9.43	54.37	28.0	W
1713	7.15	6.14	21.2	W
	8.33	6.35	20.7	O
	8.37	6.41	19.1	O
	8.42	6.37	20.3	W
	9.43	6.30	19.9	W
	12.06	—	20.9	O
	13.22	6.40	21.3	O
1714	5.30	34.23	37.7	O
	8.35	34.21	37.5	O
	8.38	34.14	38.2	W
	8.39	34.19	38.8	W
	8.40	34.13	38.3	W
	13.22	34.19	37.7	O
	13.24	34.17	38.5	W
1715	5.32	13.16	13.4	W
	7.30	13.21	14.4	W
	7.31	13.20	14.6	W
	8.35	13.21	13.8	O
	8.35	13.20	15.0	O
	8.37	13.25	14.1	O
1716	2.36	18.46	4.8	O
	3.32	18.43	5.1	W
	3.35	18.46	5.2	W
	3.35	18.47	5.5	W
	3.39	18.51	5.0	W
	4.36	18.47	4.9	O
	5.25	18.46	5.7	O
1717	5.30	49.13	44.7	O
	5.30	49.45	45.8	O
	7.45	49.41	45.6	W
	7.45	49.38	44.8	W
	8.36	49.36	46.6	O
	8.38	49.41	45.4	W
1718	5.30	23.44	51.8	O
	8.33	23.45	52.5	O
	8.39	23.39	51.4	W
	8.40	23.43	52.6	W
	8.40	23.44	52.6	W
	13.22	23.45	52.1	O
1719	2.36	54.87	39.0	O
	2.39	54.85	38.2	O
	3.37	54.93	37.7	W
	3.37	54.94	37.3	W
	3.38	54.97	38.7	W
	3.39	54.87	38.6	W
	5.25	54.90	38.1	O
1720	3.32	14.80	58.7	W
	3.35	14.80	57.5	W
	3.35	14.78	57.9	W
	4.36	14.77	58.7	O
	4.41	14.77	58.0	O
	5.25	14.74	58.3	O
1721	5.32	37.90	25.5	W
	7.30	37.89	25.0	W
	7.31	37.95	25.6	W
	8.35	37.93	25.3	O
	8.35	37.90	26.2	O
	13.22	37.91	26.0	O
1722	3.39	22.48	37.4	W
	3.40	22.51	36.9	W
	3.43	22.47	36.6	W
	5.30	22.51	37.4	O
	13.25	22.50	36.9	O
	13.27	22.49	37.3	O
1724	8.38	53.54	22.7	W
	8.38	53.64	21.4	W
	9.42	53.57	22.0	W
	13.22	53.61	22.7	O
	13.25	53.48	22.3	O
	13.32	53.58	22.1	O
1725	12.40	2.58	—	W
	12.40	2.62	36.3	W
	13.23	2.68	36.7	W
	13.24	2.60	37.2	W
	13.31	2.60	37.0	O
	13.31	2.65	37.4	O
	13.33	2.61	38.2	O
1726	8.38	24.60	37.1	O
	9.43	24.50	38.7	W
	9.43	24.52	38.7	W
	13.22	24.55	37.2	O
	13.24	24.50	39.4	W
	13.28	24.46	37.5	O
1727	5.30	16.66	22.9	O
	5.32	16.65	20.9	W
	12.06	—	21.8	O
	13.23	16.59	21.5	W
	13.24	16.60	21.9	W
	13.25	16.54	21.5	O
	13.27	16.56	21.8	O
1728	3.39	46.81	29.7	W
	3.40	46.81	29.6	W
	3.43	46.78	30.1	W
	13.22	46.77	31.1	O
	13.25	46.81	30.6	O
	13.27	46.82	30.8	O
1729	3.32	59.84	11.0	W
	3.35	59.90	11.2	W
	3.35	59.86	10.8	W
	4.36	59.91	11.3	O
	4.40	59.84	10.2	O
	4.41	59.86	11.4	O
1730	5.30	15.46	43.6	O
	5.30	15.52	44.6	O
	7.30	15.48	46.5	W
	7.31	15.48	46.2	W
	7.45	15.57	46.6	W
	8.33	15.48	45.6	O
1731	7.30	32.53	2.7	W
	7.31	32.60	3.0	W
	7.45	32.58	3.2	W
	8.33	32.55	1.5	O
	8.35	32.54	2.4	O
	8.35	32.60	1.3	O
1732	5.30	52.59	8.1	O
	7.45	52.57	7.9	W
	8.40	52.56	8.0	O
	8.37	52.55	8.5	O
	8.38	52.61	8.5	W
	8.38	52.54	7.4	W
1733	5.30	4.13	5.7	O
	8.39	4.18	5.8	W
	8.40	4.20	4.9	W
	8.40	4.15	5.6	W
	13.22	4.22	5.8	O
	13.22	4.12	5.2	O
1734	8.42	40.23	1.4	W
	9.42	40.25	2.3	W
	13.23	40.25	1.5	W
	13.25	40.24	1.5	O
	13.25	40.24	2.4	O
	13.27	40.23	1.4	O
1735	7.45	56.95	37.0	W
	7.45	56.98	37.2	W
	8.35	56.95	37.7	O
	8.35	56.96	38.4	O
	8.37	56.93	38.0	O
	13.24	56.97	37.1	W
1736	7.31	57.95	8.4	W
	8.35	57.91	6.8	O
	8.36	57.95	8.1	O
	8.38	57.96	7.0	W
	8.38	57.99	5.2	W
	13.28	57.96	7.4	O
1737	2.37	11.90	0.9	O
	2.39	12.00	1.0	O
	3.32	11.95	0.3	W
	3.35	11.90	0.5	W
	3.35	11.90	0.0	W
	5.30	11.90	0.1	O
1738	3.38	24.51	44.4	W
	3.39	24.49	44.8	W
	3.43	24.53	44.9	W
	4.36	24.52	44.2	O
	4.40	24.55	45.1	O
	4.41	24.52	44.4	O
1739	5.30	6.48	13.3	O
	5.32	6.53	13.3	W
	7.45	6.52	13.6	W
	8.33	6.47	13.0	O
	8.40	6.48	12.3	W
	13.22	6.41	13.1	O
1740	3.39	45.56	2.1	W
	3.40	45.53	1.5	W
	3.43	45.51	1.7	W
	13.25	45.57	2.0	O
	13.25	45.56	3.0	O
	13.28	45.55	0.2	O
1741	8.35	46.61	2.7	O
	8.35	46.60	2.9	O
	8.37	46.63	3.6	O
	8.38	46.56	1.5	W
	8.39	46.59	1.8	W
	8.40	46.63	1.5	W
1742	9.43	48.25	1.5	W
	9.43	48.18	1.6	W
	12.40	48.22	1.3	W
	13.27	48.21	0.1	O
	13.31	48.19	0.7	O
	13.33	48.23	0.7	O
1743	8.35	13.13	37.2	O
	8.36	13.09	37.2	O
	8.38	13.13	37.1	W
	8.42	13.18	37.1	W
	9.42	13.10	37.5	W
	13.22	13.10	37.5	O
1744	13.23	20.83	48.9	W
	13.24	20.76	49.2	W
	13.24	20.77	48.9	W
	13.25	20.79	48.2	O
	13.25	20.81	48.4	O
	13.27	20.80	48.9	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1745	5.30	30ˢ25	4″8	O
	5.30	30.26	4.5	O
	5.32	30.21	4.7	W
	7.45	30.23	5.6	W
	7.45	30.20	5.5	W
	8.35	30.35	5.5	O
1746	2.37	49.44	8.2	O
	2.39	49.51	8.6	O
	3.32	49.43	7.9	W
	3.35	49.46	8.9	W
	3.35	49.46	8.9	W
	12.28	49.37	8.2	O
1747	3.37	55.90	57.4	W
	3.38	55.88	58.2	W
	3.39	55.91	58.9	W
	3.43	55.84	57.7	W
	4.36	55.89	57.9	O
	4.40	55.91	57.9	O
	4.41	55.95	56.7	O
1748	8.37	39.46	53.7	O
	8.38	39.50	54.5	W
	8.39	39.50	54.1	W
	8.40	39.50	54.0	W
	13.22	39.44	54.8	O
	13.32	39.55	53.4	O
1750	3.39	4.82	14.1	W
	3.40	4.82	13.3	W
	3.43	4.75	12.7	W
	13.31	4.82	13.0	O
	13.33	4.81	12.8	O
	13.33	4.81	12.9	O
1751	8.40	23.66	12.7	W
	8.42	23.78	12.9	W
	9.42	23.70	13.7	W
	13.22	23.63	13.7	O
	13.27	23.63	13.2	O
	13.32	23.66	13.2	O
1752	8.37	35.55	20.1	O
	8.40	35.58	19.6	W
	9.43	35.58	19.5	W
	9.43	35.59	19.1	W
	13.28	35.56	19.3	O
	13.31	35.56	18.6	O
1753	2.37	47.84	48.9	O
	3.32	47.89	49.3	W
	3.35	47.85	48.8	W
	3.35	47.86	49.0	W
	4.40	47.89	48.9	O
	4.41	47.82	48.9	O
1754	8.33	32ˢ00	14″9	O
	8.35	31.88	14.6	O
	8.36	32.00	15.1	O
	8.38	31.99	15.1	W
	8.38	31.95	14.8	W
	8.39	31.89	14.7	W
1755	3.37	32.09	8.3	W
	3.38	32.07	8.7	W
	3.40	32.07	—	W
	13.24	32.06	9.3	W
	13.25	32.01	8.0	O
	13.25	32.07	8.9	O
	13.31	32.05	7.7	O
1756	5.30	22.09	58.2	O
	5.32	22.70	58.8	W
	7.30	22.73	58.2	W
	7.31	22.73	59.0	W
	7.46	22.72	59.7	O
	13.22	22.07	59.2	O
1757	7.45	32.64	11.8	W
	7.45	32.59	11.8	W
	8.35	32.58	13.7	O
	8.37	32.64	14.1	O
	8.40	32.55	14.1	W
	13.32	32.61	12.1	O
1758	3.39	38.79	16.1	W
	3.40	38.80	16.5	W
	3.43	38.79	15.8	W
	13.31	38.79	15.3	O
	13.33	38.81	15.5	O
	13.33	38.75	15.8	O
1759	3.32	28.11	18.7	W
	3.35	28.10	18.6	W
	3.35	28.06	18.8	W
	13.25	28.05	18.7	O
	13.25	28.14	19.6	O
	13.27	28.05	19.2	O
1760	8.33	15.37	44.7	O
	8.35	15.35	44.3	O
	8.38	15.39	43.3	W
	8.39	15.36	44.9	W
	8.40	15.37	43.4	W
	13.31	15.34	46.5	O
1761	7.30	51.27	51.0	W
	8.36	51.25	51.3	O
	8.38	51.22	51.7	W
	8.42	51.19	50.9	W
	13.31	51.21	51.1	O
	13.32	51.25	50.2	O
1762	3.37	15ˢ08	21″9	W
	3.38	15.04	23.0	W
	3.39	15.06	22.1	W
	3.43	15.07	22.2	W
	3.44	15.02	22.3	O
	4.36	15.04	22.0	O
1763	7.45	18.62	20.8	W
	8.35	18.57	21.4	O
	8.40	18.55	20.9	W
	9.42	18.60	20.6	W
	13.25	18.70	20.9	O
	13.28	18.54	20.1	O
1764	5.30	32.94	44.2	O
	5.32	32.90	43.3	W
	7.31	32.90	43.7	W
	7.45	32.92	42.6	W
	7.46	32.95	44.6	O
	13.22	32.93	44.5	O
1765	8.37	34.01	59.1	O
	9.40	33.93	59.7	W
	9.43	33.94	59.9	W
	9.43	33.93	59.4	W
	13.22	34.00	59.5	O
	13.25	33.96	59.6	O
	13.27	33.99	59.3	O
1766	7.30	50.39	8.7	W
	7.47	50.38	10.2	O
	8.33	50.43	10.3	O
	8.35	50.41	10.6	O
	8.38	50.29	7.5	W
	8.39	50.32	8.5	W
1767	2.37	7.66	44.5	O
	2.39	7.62	45.4	O
	3.32	7.65	44.2	W
	3.35	7.65	44.1	W
	3.35	7.66	44.3	W
	3.40	7.69	45.1	O
1768	3.37	18.74	23.3	W
	3.38	18.72	25.2	W
	3.39	18.70	24.6	W
	4.41	18.73	24.8	O
	13.25	18.76	26.3	O
	13.25	18.75	26.0	O
1769	5.30	13.21	14.7	O
	5.32	13.19	15.0	W
	7.31	13.20	15.5	W
	7.45	13.21	15.9	W
	7.46	13.19	15.4	O
	8.35	13.19	15.4	O
1770	7.30	36ˢ33	21″6	W
	7.45	36.33	21.8	W
	7.47	36.37	23.4	O
	8.33	36.37	22.9	O
	8.35	36.35	22.6	O
	8.38	36.36	20.7	W
1771	3.38	39.84	22.5	W
	3.39	39.74	23.5	W
	3.40	39.77	21.3	W
	3.43	39.81	22.3	W
	3.44	39.79	22.5	O
1772	8.38	42.85	2.4	W
1773	2.37	13.29	59.8	O
	2.39	13.28	60.5	O
	3.32	13.28	60.2	W
	3.35	13.32	60.2	W
	3.35	13.25	60.1	W
	4.40	13.26	59.3	O
1774	8.36	23.24	41.8	O
	8.37	23.18	43.5	O
	8.39	23.19	42.1	W
	8.40	23.21	42.5	W
	8.40	23.27	42.9	W
	9.40	23.22	41.3	W
1775	7.31	27.43	57.0	W
	7.45	(27.60)	57.5	W
	8.35	27.39	56.8	O
	8.42	27.37	56.6	W
	13.25	27.38	56.9	O
	13.25	27.31	56.3	O
1776	7.30	20.86	3.4	W
	7.45	20.89	3.4	W
	7.46	20.87	3.4	O
	7.47	20.93	5.1	O
	8.35	20.91	5.6	O
	8.38	20.92	(1.8)	W
1777	3.37	26.36	51.7	W
	3.37	26.37	51.3	W
	3.38	26.33	51.6	W
	3.43	26.39	51.1	W
	3.44	26.35	52.1	O
	4.36	26.39	52.4	O
1778	2.37	58.42	13.6	O
	2.39	58.31	14.5	O
	3.32	58.34	13.6	W
	3.35	58.39	13.3	W
	3.35	58.41	13.7	W
	4.40	58.41	13.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1779	5.32	47ᵐ67ˢ	9°9	W
	8.33	47.72	10.8	O
	8.36	47.66	9.4	O
	8.39	47.66	11.3	W
	8.40	47.68	10.9	W
	8.42	47.66	10.6	O
1780	5.30	8.95	43.1	O
	7.31	8.94	43.9	W
	7.45	8.88	43.8	W
	8.37	8.84	43.5	O
	8.38	8.92	42.6	W
	9.40	8.82	44.3	W
1782	2.37	36.94	5.8	O
	2.39	36.95	5.4	O
	3.32	36.99	6.2	W
	3.35	36.91	5.7	W
	3.35	36.98	6.2	W
	4.36	36.92	5.7	O
1783	3.37	51.93	33.0	W
	3.37	51.85	32.0	W
	3.38	51.86	32.0	W
	3.43	51.89	32.5	W
	3.44	51.91	33.9	O
	4.40	51.88	31.7	O
1784	5.30	11.56	38.0	O
	7.45	11.57	38.1	W
	8.37	11.63	38.6	O
	8.40	11.66	38.2	W
	8.42	11.72	39.9	W
	13.31	11.59	38.0	O
1785	7.31	17.27	26.0	W
	8.39	17.31	25.9	W
	13.23	17.29	27.9	W
	13.28	17.27	26.4	O
	13.31	17.25	26.4	O
	13.22	17.24	25.6	O
1786	9.43	38.38	21.1	W
	9.43	38.43	21.3	W
	13.22	38.43	22.3	O
	13.24	38.39	21.5	W
	13.25	38.40	21.7	O
	13.25	38.36	22.0	O
1787	3.39	2.10	50.3	W
	3.39	2.09	49.7	W
	3.40	2.05	48.9	W
	4.41	2.08	50.3	O
	13.27	1.99	49.8	O
	13.33	2.04	50.2	O
1788	7.46	45ᵐ34	23°1	O
	7.47	45.31	22.9	O
	8.38	45.31	22.0	W
	8.38	45.28	21.1	W
	9.42	45.34	22.2	W
	13.22	45.32	23.3	O
1789	7.45	18.37	23.8	W
	7.45	18.30	22.1	W
	8.33	18.23	22.4	O
	8.36	18.27	23.2	O
	8.37	18.30	22.8	O
	8.40	18.23	23.2	W
1790	5.30	35.81	58.7	O
	7.46	35.76	58.8	O
	8.40	35.67	57.9	W
	8.42	35.71	58.4	W
	8.42	35.80	58.8	O
	9.40	35.78	57.6	W
1791	2.37	45.08	30.3	O
	2.39	45.05	31.1	O
	3.32	45.04	31.3	W
	3.35	45.12	31.4	W
	3.35	45.03	31.4	W
	4.40	45.10	29.6	O
1792	7.31	42.05	6.7	W
	7.45	42.00	7.5	W
	7.45	42.00	6.8	W
	7.46	42.02	8.4	O
	7.47	41.92	6.2	O
	13.22	41.89	7.0	O
1793	3.37	1.66	26.3	W
	3.37	1.64	26.6	W
	3.38	1.61	26.3	W
	3.43	1.58	26.3	W
	3.44	1.59	27.2	O
	4.36	1.63	27.0	O
1794	7.45	21.35	33.7	W
	7.46	21.35	33.8	O
	7.46	21.39	34.5	O
	8.33	21.33	34.7	O
	8.38	21.33	34.1	W
	8.38	21.32	32.7	W
1795	2.37	21.40	3.2	O
	2.39	21.37	2.6	O
	3.32	21.41	2.8	W
	3.35	21.38	2.8	W
	3.35	21.41	1.7	W
	4.36	21.42	2.8	O
1796	5.30	1ᵐ03	12°7	O
	7.30	1.10	12.6	W
	7.31	1.08	12.2	W
	7.45	1.11	12.7	W
	7.47	1.16	13.1	O
	8.12	1.05	12.4	O
1797	3.37	12.50	20.2	W
	3.37	12.45	25.7	W
	3.38	12.51	25.8	W
	3.43	12.55	25.2	W
	3.44	12.55	25.7	O
	4.40	12.43	25.8	O
1798	8.37	48.03	22.8	O
	8.39	48.13	22.0	W
	8.40	48.16	22.4	W
	8.40	48.16	22.2	W
	13.22	48.05	22.3	O
	13.25	48.08	22.8	O
1799	3.39	52.70	25.4	W
	3.39	52.75	24.8	W
	3.40	52.68	25.0	W
	4.41	52.78	26.5	O
	13.27	52.75	27.5	O
	13.28	52.67	26.4	O
1800	7.46	6.13	51.5	O
	8.33	6.17	50.9	O
	8.42	6.16	50.9	W
	9.40	6.23	51.3	W
	9.42	6.11	51.7	W
	13.25	6.12	51.0	O
1801	3.43	19.40	37.6	W
	9.43	19.37	36.9	W
	9.43	19.42	37.3	W
	13.31	19.38	37.0	O
	13.31	19.36	36.3	O
	13.32	19.39	37.8	O
1802	2.37	53.38	35.1	O
	2.39	53.35	35.3	O
	3.32	53.45	34.6	W
	3.35	53.36	34.5	W
	3.35	53.42	34.6	W
	3.40	53.31	34.8	O
1803	5.30	56.95	58.7	O
	7.30	56.97	56.7	W
	7.31	56.90	57.9	W
	7.45	56.95	58.5	W
	7.46	56.93	57.3	O
	8.36	56.92	57.1	O
1804	3.37	16ᵐ35	30°3	W
	3.37	16.27	40.0	W
	3.37	16.46	39.4	W
	3.43	16.38	39.0	W
	3.43	16.44	39.1	O
	4.36	16.33	40.1	O
1805	7.45	24.03	8.0	W
	7.46	23.95	8.6	O
	7.47	23.99	8.3	O
	8.37	23.97	8.9	O
	8.38	24.02	9.4	W
	8.38	24.06	7.2	W
1806	3.42	20.52	24.8	W
	4.32	20.39	26.8	W
	9.43	19.99	27.8	W
	13.19	19.99	30.4	O
	13.22	19.71	20.7	O
	13.22	19.71	29.6	O
1807	2.36	44.71	12.0	O
	2.39	44.74	12.7	O
	3.38	44.82	11.7	W
	3.39	44.77	12.9	W
	3.39	44.75	12.9	W
	13.24	44.76	12.8	O
1808	5.30	2.58	34.6	O
	7.30	2.65	34.2	W
	7.31	2.61	33.3	W
	7.45	2.56	34.2	W
	7.46	2.61	34.3	O
	8.36	2.66	34.0	O
1809	22.39	15.41	14.5	W
	12.39	15.40	14.9	W
	12.40	15.40	16.4	W
	13.24	15.44	15.0	O
	13.27	15.45	14.8	O
	13.27	15.42	15.1	O
1810	8.39	13.67	43.8	W
	8.42	13.70	42.9	W
	9.43	13.67	42.6	W
	12.35	13.70	44.3	O
	13.23	13.66	44.6	O
	13.31	13.65	44.5	O
1811	7.45	14.29	22.8	W
	8.38	14.31	22.9	W
	12.40	14.33	21.8	W
	13.19	14.26	—	O
	13.22	14.27	21.7	O
	13.25	14.38	21.5	O
	13.31	14.33	21.8	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890,0	δ 1890,0	Kr.
1812	9.43	60h05	20°3	W
	13.23	60.01	21.6	W
	13.24	59.98	22.5	W
	13.27	60.08	22.4	O
	13.28	60.05	22.4	O
	13.31	60.03	22.5	O
1813	7.45	20.62	6.0	W
	12.35	20.69	5.9	O
	12.40	20.63	4.4	W
	13.25	20.63	6.2	O
	13.26	20.62	4.4	W
	13.32	20.66	6.2	O
1814	3.37	30.29	41.2	W
	3.37	30.21	42.2	W
	3.37	30.29	40.4	W
	3.43	30.30	40.8	W
	3.43	30.35	42.1	O
	4.36	30.36	41.9	O
1815	9.43	54.08	51.5	W
	13.22	54.07	51.9	O
	13.23	54.01	51.9	W
	13.27	53.96	51.4	W
	13.31	54.05	51.6	O
	13.32	54.04	52.4	O
1816	12.39	55.85	25.8	W
	13.24	55.84	25.8	W
	13.24	55.86	26.1	O
	13.25	55.73	25.5	W
	13.30	55.70	25.3	O
	13.31	55.83	25.4	O
1817	2.36	1.13	51.4	O
	3.42	1.09	52.0	W
	12.48	1.03	52.5	W
	13.17	1.00	52.2	W
	13.24	1.02	51.6	O
	13.27	1.05	52.2	O
1818	7.45	41.45	38.7	W
	7.47	41.41	39.1	O
	8.37	41.43	39.9	O
	8.40	41.47	37.8	W
	8.42	41.35	39.3	W
	13.23	41.40	39.5	O
1819	3.38	55.52	47.8	W
	3.39	55.60	47.3	W
	3.39	55.52	48.7	W
	13.18	55.49	47.6	O
	13.24	55.50	48.5	O
	13.27	55.60	48.8	O
1820	4.36	15h56	29°1	O
	12.39	15.53	28.7	W
	12.39	15.50	29.4	W
	12.40	15.55	29.3	W
	12.49	15.54	28.8	O
	13.19	15.56	28.7	O
1821	5.32	48.03	16.4	W
	7.45	48.06	16.5	W
	7.46	48.89	16.2	O
	7.46	48.92	15.9	O
	8.37	48.46	16.8	O
	8.40	48.89	16.8	W
1822	2.36	6.07	34.6	O
	3.37	6.04	34.7	W
	3.37	6.72	34.9	W
	3.37	6.66	34.5	W
	3.43	6.68	35.9	W
	3.43	6.02	35.3	O
1823	7.45	18.52	56.9	W
	7.46	18.57	56.5	O
	8.33	18.56	55.8	O
	8.40	18.52	58.0	W
	8.42	18.54	56.3	O
	9.40	18.59	57.0	W
1824	7.47	18.87	37.6	O
	8.36	18.97	38.1	O
	9.42	18.91	37.9	W
	9.43	18.89	37.7	W
	9.43	18.84	37.8	W
	13.22	18.90	38.0	O
1825	12.35	42.86	44.6	O
	12.40	42.82	44.6	W
	12.40	42.81	45.7	W
	12.41	42.84	45.2	W
	12.49	42.79	47.1	O
	13.22	42.84	44.6	O
1826	7.45	35.33	51.4	W
	7.45	35.31	50.9	W
	7.46	35.27	49.8	O
	7.46	35.37	50.6	O
	8.33	35.33	48.9	O
	8.40	35.31	50.3	W
1828	12.35	42.48	13.0	O
	12.40	42.47	13.4	W
	13.17	42.52	14.1	W
	13.22	42.47	12.9	O
	13.25	42.48	14.5	W
	13.30	42.47	13.2	O
1829	7.46	14h64	23°9	O
	7.47	14.62	25.2	O
	8.36	14.64	24.4	O
	8.40	14.61	24.2	W
	8.42	14.65	23.3	O
	9.40	14.63	23.6	W
	9.42	14.65	24.7	W
1830	8.37	17.45	47.0	O
	9.43	17.41	47.4	W
	9.43	17.37	(50.8)	W
	12.39	17.37	46.8	W
	13.19	17.42	47.3	O
	13.23	17.37	46.9	O
1831	3.37	4.87	57.6	W
	3.37	4.82	57.3	W
	3.37	4.79	57.2	W
	13.18	4.79	56.3	O
	13.22	4.74	57.2	O
	13.24	4.82	57.9	O
1832	7.45	19.17	56.6	W
	7.45	19.17	56.6	W
	7.46	19.15	56.5	O
	7.46	19.13	55.1	O
	8.33	19.15	56.3	O
	8.40	19.22	57.7	W
1833	7.46	15.15	7.1	O
	7.47	15.18	6.6	O
	8.40	15.15	6.4	W
	8.42	15.09	6.0	O
	9.40	15.15	7.1	W
	9.42	15.26	6.4	W
1834	8.36	23.26	12.7	O
	8.37	23.19	11.5	O
	8.39	23.21	12.1	W
	9.43	23.18	12.6	W
	12.39	23.11	12.8	W
	13.25	23.10	11.7	O
1835	9.48	33.41	12.9	W
	12.35	33.36	14.7	O
	12.39	33.34	14.6	W
	12.40	33.38	14.5	W
	13.19	33.38	14.5	O
	13.23	33.43	15.4	O
1836	8.38	7.07	16.3	W
	8.42	7.71	16.3	W
	9.43	7.65	16.6	W
	12.40	7.68	16.2	O
	13.18	7.69	16.5	O
	13.22	7.61	16.6	O
1837	7.45	13h45	59°0	W
	7.45	13.45	60.0	W
	7.46	13.39	58.7	O
	7.46	13.40	58.0	O
	8.33	13.46	58.9	O
	8.40	13.45	59.5	W
1838	2.36	7.82	—	O
	2.35	7.86	22.1	W
	3.35	7.80	21.6	W
	3.37	7.68	22.1	W
	3.37	7.70	22.7	W
	3.37	7.78	21.8	W
	3.43	7.76	22.5	W
1839	7.46	12.41	31.8	O
	7.46	12.34	32.9	O
	8.36	12.34	32.4	O
	8.40	12.32	32.8	W
	8.40	12.32	33.2	W
	9.40	12.27	32.4	W
1840	12.28	17.93	44.8	W
	12.35	17.91	44.7	O
	12.39	17.90	45.7	W
	12.49	17.94	42.6	O
	13.18	17.88	43.0	O
1841	3.38	54.55	57.7	W
	3.38	54.52	58.0	W
	3.39	54.58	58.2	W
	4.40	54.66	56.8	O
	4.41	54.61	58.4	O
	13.27	54.59	58.2	O
1842	7.47	32.13	32.4	O
	8.37	32.08	31.1	O
	8.42	32.10	31.5	O
	9.42	32.12	32.4	W
	9.43	32.09	32.1	W
	12.40	32.11	31.4	W
1843	3.42	31.41	58.7	W
	12.28	34.23	50.0	W
	12.40	34.29	60.8	W
	13.22	34.22	59.7	O
	13.27	34.29	50.2	O
	13.31	34.39	59.6	O
1844	2.36	47.71	19.9	O
	3.35	47.73	19.6	W
	3.37	47.73	19.7	W
	3.37	47.77	20.4	W
	13.31	47.99	20.8	O
	13.32	47.64	19.7	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1845	12.39	48h03	45°4	W
	12.40	48.06	45.1	W
	12.40	47.96	44.7	W
	13.25	48.00	46.0	O
	13.31	48.04	46.7	O
	13.31	47.94	45.4	O
1846	12.29	4.01		W
	13.31	3.96		O
	13.31	3.99		O
1847	7.46	10.49	54.7	O
	7.46	10.49	54.9	O
	8.36	10.45	56.5	O
	8.40	10.45	55.6	W
	8.40	10.48	55.7	W
	9.40	10.48	56.2	W
1848	7.45	22.74	1.9	W
	7.46	22.70	2.3	O
	7.47	22.68	2.2	O
	8.33	22.62	2.1	O
	8.39	22.71	1.1	W
	8.42	22.67	2.5	W
1849	8.37	30.44	21.4	O
	9.43	30.36	24.8	W
	12.37	30.33	25.1	W
	12.40	30.34	24.7	W
	13.18	30.35	24.5	O
	13.19	30.33	26.3	O
1850	3.37	55.06	45.1	W
	3.38	55.07	46.0	W
	3.43	55.07	45.1	W
	12.40	55.01	45.1	O
	13.27	55.06	45.7	O
	13.27	54.96	45.8	O
1851	8.38	2.70	41.6	W
	8.42	2.72	42.3	O
	9.42	2.70	43.3	W
	9.43	2.63	43.0	W
	13.22	2.71	43.4	O
	13.25	2.70	42.8	O
1852	2.36	0.66	28.1	O
	3.35	0.70	27.6	W
	3.37	0.66	27.1	W
	3.37	0.68	27.9	W
	4.40	0.67	27.0	O
	4.11	0.68	27.0	O
1853	12.37	9.99	32.3	W
	12.39	9.84	31.9	W
	12.40	9.87	32.6	W
	13.23	9.88	33.1	O
	13.28	9.85	33.1	O
	13.31	9.83	33.5	O
1854	9.40	11.79	44.6	W
	12.40	11.74	44.9	W
	12.40	11.71	44.4	W
	13.18	11.72	44.8	O
	13.19	11.73	46.3	O
	13.22	11.72	45.2	O
1855	7.45	26.01	10.1	W
	7.45	26.06	10.0	W
	7.46	26.01	10.0	O
	4.46	26.02	9.2	O
	8.36	25.92	9.7	O
	8.40	26.00	10.7	W
1856	3.30	0.30	30.3	W
	3.39	0.28	31.3	W
	3.42	0.30	31.2	W
	12.35	0.24	31.6	O
	12.40	0.28	32.3	O
	13.31	0.25	31.2	O
1857	3.37	6.57	8.1	W
	3.38	6.53	8.5	W
	9.41	6.51	7.6	W
	13.24	6.46	(6.0)	O
	13.27	6.54	8.1	O
	13.31	6.53	7.8	O
1858	7.46	30.36	20.7	O
	7.46	30.29	20.5	O
	8.37	30.31	21.9	O
	8.38	30.36	21.2	W
	8.39	30.30	21.5	W
	8.40	30.34	20.8	W
1859	2.36	41.77	47.5	O
	3.35	41.78	48.1	W
	3.37	41.74	47.7	W
	3.37	41.66	48.4	W
	3.43	41.71	47.6	W
	4.40	41.75	48.3	O
1860	7.45	54.20	25.2	W
	7.45	54.19	25.6	W
	7.46	54.17	25.5	O
	7.47	54.20	24.7	O
	8.36	54.12	26.1	O
	8.40	54.15	25.9	W
1861	2.36	40.72	22.6	O
	3.37	40.73	22.8	W
	3.37	40.74	23.0	W
	3.27	40.72	21.8	W
	3.43	40.73	22.2	W
	4.40	40.70	22.6	O
1862	7.45	37°14	58°7	W
	7.45	37.07	58.7	W
	7.46	37.11	57.2	O
	7.46	37.12	58.5	O
	8.36	37.06	58.2	O
	8.38	37.18	58.0	W
1863	3.42	24.26	42.8	W
	12.28	24.21	43.5	W
	12.35	24.21	—	O
	12.38	24.29	41.9	W
	12.49	24.18	42.8	O
	13.18	24.23	42.3	O
1864	3.38	44.33	57.5	W
	3.39	44.34	58.3	W
	3.39	44.28	58.5	W
	3.43	44.29	57.7	W
	4.40	44.39	57.7	O
	4.41	44.42	58.9	O
1865	7.46	54.78	38.6	O
	7.47	54.71	39.7	O
	8.37	54.78	39.1	O
	8.39	54.75	38.8	W
	8.40	54.69	39.5	W
	8.40	54.73	38.3	W
1866	8.42	10.85	36.7	W
	8.42	10.82	37.3	O
	9.40	10.76	36.1	W
	9.42	10.79	35.8	W
	13.19	10.73	38.4	O
	13.22	10.76	37.1	O
1867	9.43	34.06	39.1	W
	9.43	34.11	38.9	W
	12.35	34.02	39.1	O
	12.40	34.04	37.9	W
	13.31	33.98	40.9	O
	13.32	34.06	38.7	O
1868	8.36	24.60	43.1	O
	12.39	24.54	43.3	W
	12.40	24.56	43.8	W
	12.49	24.56	43.5	W
	13.27	24.54	43.4	O
	13.31	24.53	43.3	O
1869	12.49	11.09	50.9	O
	13.17	11.16	51.6	W
	13.23	11.08	50.9	W
	13.24	11.11	50.2	W
	13.27	11.11	51.0	O
	13.30	11.08	51.1	O
1870	13.19	13h24	47°3	O
	13.24	—	47.6	O
	13.25	13.21	47.8	W
	13.26	13.23	47.5	W
	13.31	13.27	46.6	O
	13.32	13.30	—	O
1871	8.37	29.53	25.6	O
	8.39	29.58	26.8	W
	8.42	29.53	26.3	W
	9.43	29.58	26.9	W
	13.27	29.51	25.8	O
	13.31	29.51	26.9	O
1872	12.36	29.99	1.2	W
	12.40	29.96	1.0	W
	12.48	29.99	1.8	W
	13.18	30.00	1.6	O
	13.26	29.91	1.8	W
	13.31	30.00	1.8	O
	13.32	29.99	1.4	O
1874	12.49	11.75	—	O
	13.17	11.68	5.7	W
	13.23	11.67	5.8	W
	13.24	11.67	6.1	W
	13.27	11.65	6.2	O
	13.30	11.64	6.7	O
	13.31	11.72	6.2	O
1875	12.39	31.77	25.8	W
	12.48	31.77	25.6	W
	13.18	31.85	23.9	O
	13.19	31.79	25.1	O
	13.24	31.80	25.6	O
	13.25	31.83	24.9	W
1876	7.45	54.69	40.7	W
	7.45	54.62	41.3	W
	7.46	54.66	41.2	O
	7.46	54.63	41.4	O
	8.36	54.64	41.8	O
	8.39	54.68	41.1	W
1877	3.39	30.44	40.3	W
	3.39	30.47	41.5	W
	3.42	30.40	41.1	W
	3.43	30.39	40.5	W
	8.42	30.39	41.2	O
	13.22	30.41	40.4	O
1878	4.40	52.82	30.6	O
	4.40	52.75	30.8	O
	4.41	52.79	37.2	O
	5.44	52.81	36.7	W
	5.48	52.79	37.5	W
	9.41	52.79	37.4	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1879	9.43	55ˢ21	3″7	W
	12.28	55.21	3.4	W
	12.40	55.21	3.2	W
	13.19	55.19	2.8	O
	13.24	55.19	2.8	O
	13.27	55.18	2.7	O
1880	2.36	39.07	1.2	O
	3.37	39.04	2.1	W
	3.37	39.04	1.9	W
	3.38	39.05	1.3	W
	12.35	38.93	1.4	O
	13.18	38.98	1.3	O
1881	7.46	53.03	29.1	O
	7.47	53.04	28.8	O
	8.36	53.08	27.8	O
	8.39	53.05	30.1	W
	8.40	53.08	29.8	W
	8.40	52.99	29.9	W
1882	3.39	12.84	27.0	W
	3.39	12.85	25.2	W
	3.42	12.81	25.2	W
	3.43	12.87	24.6	W
	8.42	12.79	25.0	O
	12.35	12.75	25.4	O
1883	7.45	15.01	27.1	W
	7.45	14.96	28.2	W
	7.46	14.97	27.3	O
	7.46	14.94	27.9	O
	8.36	14.94	28.4	O
	8.39	14.96	28.1	W
1884	7.46	17.00	37.6	O
	7.47	17.00	37.6	O
	8.37	16.99	37.4	O
	8.40	16.98	36.4	W
	8.42	17.12	39.0	W
	9.40	17.02	36.5	W
1885	8.40	19.87	43.3	W
	9.42	19.92	42.8	W
	9.43	19.90	42.7	W
	12.49	19.89	43.5	O
	13.18	19.93	41.2	O
	13.19	19.89	42.3	O
1886	2.36	21.51	31.3	O
	4.40	21.52	30.8	O
	4.40	21.45	31.7	O
	4.41	21.53	31.2	O
	5.44	21.54	31.3	W
	5.48	21.52	31.1	W
1887	8.42	42ˢ27	15″6	O
	9.43	42.83	15.4	W
	9.51	42.73	15.5	W
	12.37	42.74	17.9	W
	12.49	42.73	15.8	O
	13.22	42.76	16.2	O
1888	3.37	10.23	33.3	W
	3.37	10.19	32.6	W
	3.38	10.25	32.8	W
	3.43	10.31	33.2	W
	13.27	10.06	33.3	O
	13.33	10.01	32.8	O
1889	7.45	47.47	16.0	W
	7.45	47.53	16.4	W
	7.46	47.50	15.8	O
	7.46	47.47	17.0	O
	9.41	47.48	15.9	W
	13.18	47.49	16.7	O
1890	7.46	55.56	47.7	O
	7.47	55.57	48.2	O
	8.39	55.57	47.1	W
	8.40	55.62	46.7	W
	8.42	55.57	48.5	W
	13.22	55.52	47.1	O
1891	8.36	58.56	47.6	O
	8.37	58.54	47.6	O
	9.42	58.57	46.1	W
	9.43	58.54	45.9	W
	12.39	58.58	47.6	W
	13.27	58.58	47.4	O
1892	8.40	27.36	44.9	W
	12.37	27.39	43.6	W
	12.40	27.39	43.8	W
	13.25	27.42	44.2	O
	13.28	27.32	44.9	O
	13.31	27.36	45.2	O
1893	8.42	51.31	58.3	O
	9.43	51.26	58.0	W
	9.48	51.26	58.3	W
	9.51	51.29	57.5	W
	12.35	51.29	58.2	O
	13.31	51.32	58.0	O
1894	2.36	55.58	19.7	O
	3.39	55.66	18.7	W
	3.39	55.69	19.2	W
	3.42	55.63	19.4	W
	12.39	55.58	19.4	W
	13.18	55.61	18.1	O
	13.32	55.58	19.2	O
1895	5.44	27ˢ24	45″9	W
	5.48	27.26	45.1	W
	12.35	27.21	44.8	O
	12.39	27.32	47.0	W
	12.49	27.23	45.0	O
	13.19	27.19	45.5	O
1896	12.39	56.48	57.2	W
	12.40	56.48	57.5	W
	12.40	56.50	57.2	W
	13.27	56.42	57.0	O
	13.33	56.48	57.2	O
	13.34	56.48	56.8	O
1897	7.45	2.96	29.1	W
	7.45	3.04	29.3	W
	7.46	2.98	27.9	O
	7.46	3.06	30.0	O
	8.42	3.01	30.0	W
	13.27	3.02	29.9	O
1898	4.40	4.76	21.9	O
	4.40	4.81	21.3	O
	4.41	4.75	20.6	O
	13.24	4.74	22.7	W
	13.26	4.74	21.9	W
	13.26	4.71	22.8	W
1899	12.28	5.15	49.4	W
	12.48	5.10	49.8	W
	13.23	5.05	49.5	W
	13.24	5.02	49.0	O
	13.32	5.11	50.2	O
	13.34	5.06	49.7	O
1900	7.46	12.72	39.4	O
	7.47	12.76	40.7	O
	8.39	12.74	39.6	W
	9.42	12.72	40.2	W
	9.43	12.77	40.6	W
	13.22	12.76	40.9	O
1901	12.36	16.78	37.3	W
	13.17	16.81	36.8	W
	13.25	16.78	36.4	W
	13.30	16.77	35.6	O
	13.31	16.77	35.9	O
	13.36	16.81	36.7	O
1902	5.44	2.16	27.0	W
	5.48	2.19	26.3	W
	12.39	2.06	26.1	W
	12.49	2.16	26.1	O
	13.26	2.13	25.1	O
	13.27	2.07	26.5	O
1903	3.39	22ˢ95	35″9	W
	3.39	23.02	38.0	W
	3.42	22.96	37.2	W
	13.24	22.96	37.2	O
	13.27	22.96	37.8	O
	13.31	23.01	36.8	O
1904	8.42	34.96	24.9	O
	9.48	34.95	24.9	W
	9.51	34.91	24.1	W
	12.40	34.91	26.3	W
	13.22	34.93	25.3	O
	13.27	34.93	25.0	O
1905	4.40	36.57	48.7	O
	4.40	36.40	48.1	O
	4.41	36.44	48.5	O
	12.39	36.30	51.4	W
	12.39	36.33	49.7	W
	12.40	36.40	50.0	W
1906	7.45	52.23	30.6	W
	7.45	52.26	29.2	W
	7.46	52.32	29.1	O
	7.46	52.32	29.7	O
	8.39	52.35	29.4	W
	8.42	52.20	28.5	W
1907	7.47	8.44	25.3	O
	8.42	8.47	24.9	O
	12.49	8.47	26.2	W
	13.23	8.46	24.8	W
	13.24	8.47	24.3	W
	13.32	8.44	25.1	O
1908	8.40	33.48	20.2	W
	12.35	33.46	20.8	O
	13.26	33.42	21.1	W
	12.26	33.45	21.0	W
	13.33	33.43	21.0	O
	13.33	33.45	20.8	O
1909	12.39	38.10	44.9	W
1910	12.39	14.70	50.5	W
	13.17	14.71	51.1	W
	13.18	14.75	50.5	O
	13.23	14.68	49.2	W
	13.30	14.72	51.2	O
	13.31	14.76	51.4	O
1911	5.48	20.68	57.1	W
	12.36	20.58	57.0	W
	12.39	20.56	58.4	W
	13.19	20.59	57.6	O
	13.27	20.59	57.3	O
	13.36	20.62	56.4	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
1912	7.47	47^{m}81	41°7	O
	9.51	47.82	39.5	W
	12.35	47.78	41.6	O
	12.40	47.78	39.8	W
	12.40	47.81	40.5	W
	13.34	47.73	40.8	O
1913	3.39	52.77	18.4	W
	3.39	52.60	20.1	W
	3.42	52.81	19.4	W
	13.31	52.80	20.1	O
	13.33	52.64	19.5	O
	13.34	52.61	18.9	O
1914	8.39	4.98	32.8	W
	8.40	5.01	34.5	W
	8.42	5.05	35.0	O
	8.42	5.03	35.2	O
	9.43	4.99	33.2	W
	13.22	4.99	35.4	O
1915	9.42	20.59	27.2	W
	9.48	20.59	27.3	W
	12.40	20.57	26.9	W
	13.27	20.57	29.0	O
	13.28	20.58	28.6	O
	13.31	20.48	28.0	O
1916	4.40	5.11	35.4	O
	4.40	5.12	34.5	O
	4.41	5.04	35.8	O
	5.44	5.05	30.4	W
	5.48	5.11	36.3	W
	12.36	5.08	36.5	W
1917	3.37	17.21	—	W
	3.37	17.24	29.2	W
	3.38	17.31	29.0	W
	13.25	17.15	30.4	W
	13.26	17.19	29.9	O
	13.27	17.18	29.1	O
	13.33	17.11	30.6	O
1918	7.47	51.44	40.3	O
	8.37	51.48	40.7	O
	8.39	51.43	40.0	W
	8.40	51.46	40.1	W
	8.42	51.44	38.5	W
	8.42	51.44	40.1	O
1919	5.44	3.96	19.0	W
	12.35	4.02	19.1	O
	12.39	3.99	20.7	W
	12.39	3.95	19.3	W
	13.19	4.03	19.2	O
	13.22	4.01	19.4	O
1920	4.40	9.26	14.8	O
	4.40	9.36	16.1	O
	4.41	9.39	15.3	O
	12.40	9.38	16.4	W
	12.40	9.36	16.6	W
	13.17	9.37	15.3	W
1921	13.18	32.65	12.2	O
	13.26	32.70	11.7	W
	13.31	32.64	12.7	O
	13.32	32.65	11.9	O
	13.37	32.64	12.7	W
	13.40	32.66	11.7	W
1922	13.24	34.03	6.0	W
	13.25	34.02	6.1	W
	13.26	34.04	5.7	W
	13.27	34.05	5.8	O
	13.31	34.03	5.4	O
	13.32	34.06	5.4	O
1923	13.26	38.88	10.0	W
	13.30	38.91	11.4	O
	13.31	38.93	10.7	O
	13.33	38.86	10.5	O
	13.42	38.88	10.7	W
	13.48	38.90	10.8	W
1924	9.40	49.32	12.1	W
	9.43	49.27	11.5	W
	9.51	49.32	13.0	W
	13.25	49.33	12.2	O
	13.27	49.30	12.5	O
	13.36	49.22	13.0	O
1925	13.22	57.85	38.8	O
	13.24	57.81	39.4	W
	13.25	57.82	39.6	W
	13.26	57.89	40.1	W
	13.27	57.90	38.6	O
	13.31	57.83	38.8	O
1926	9.48	59.82	34.2	W
	13.27	59.78	34.5	O
	13.29	59.84	36.1	W
	13.34	59.82	34.9	O
	13.34	59.81	35.5	O
	13.42	59.77	35.7	W
1927	12.40	19.37	42.1	W
	13.26	19.37	41.7	W
	13.26	19.35	42.5	W
	13.30	19.37	41.1	O
	13.31	19.48	40.5	O
	13.33	19.35	41.4	O
1929	13.27	16.31	59.7	O
	13.27	16.39	59.7	O
	13.29	16.34	60.2	W
	13.32	16.39	59.5	O
	13.37	16.32	58.2	W
	13.41	16.30	59.0	W
1930	13.18	22.65	47.9	O
	13.19	22.63	47.4	O
	13.24	22.58	48.8	O
	13.41	22.60	48.9	W
	13.42	22.57	48.5	W
	13.48	22.56	48.5	W
1931	9.40	38.46	39.0	W
	9.43	38.50	38.6	W
	9.51	38.46	37.7	W
	12.49	38.58	41.5	O
	13.32	38.56	42.0	O
	13.33	38.51	42.1	O
1932	4.40	39.03	28.0	O
	4.40	39.01	29.6	O
	4.41	39.01	27.6	O
	12.28	38.85	27.4	W
	13.17	38.89	28.2	W
	13.24	38.92	27.6	W
1933	7.46	58.00	22.0	O
	8.42	57.93	21.8	O
	9.42	57.97	22.4	W
	12.37	57.97	22.2	W
	12.49	57.97	21.8	W
	13.27	57.93	22.4	O
1934	3.37	8.14	48.7	W
	3.37	8.16	48.4	W
	3.38	8.04	48.2	W
	13.22	8.17	48.9	O
	13.31	8.12	49.8	O
	13.31	8.14	49.0	O
1936	9.51	11.14	3.0	W
	13.19	11.17	2.6	O
	13.26	11.19	2.6	W
	13.26	11.16	2.9	W
	13.27	11.15	3.9	O
	13.33	11.19	4.1	O
1937	7.46	15.84	19.4	O
	8.42	15.73	19.5	O
	9.42	15.78	19.9	W
	13.23	15.77	19.2	W
	13.24	15.75	19.6	W
	13.25	15.78	20.7	O
1938	2.50	45^{m}74	2^{s}4	O
	3.37	45.81	0.7	W
	3.38	45.71	1.4	W
	3.42	45.64	1.9	W
	8.42	45.58	2.0	O
	12.35	45.73	3.8	O
1939	3.37	48.22	32.1	W
	3.39	48.19	31.0	W
	3.39	48.21	33.2	W
	5.48	48.25	32.7	W
	12.35	48.16	—	O
1940	4.40	56.34	12.9	O
	4.40	56.35	12.6	O
	4.41	56.34	13.1	O
	4.50	56.31	13.5	W
	4.53	56.42	14.7	O
	5.44	56.31	13.0	W
1941	7.45	4.94	0.8	W
	7.45	4.91	0.9	W
	7.46	4.96	0.6	O
	7.46	4.94	1.7	O
	7.46	4.97	1.1	O
	7.48	4.89	0.8	O
	8.39	4.91	1.4	W
1942	5.45	26.34	52.3	W
	8.42	26.22	51.2	O
	9.41	26.28	52.1	W
	9.50	26.27	49.9	W
	12.49	26.19	51.5	O
	13.18	26.24	51.1	O
1943	12.35	30.74	38.6	O
	12.39	30.78	39.7	W
	12.40	30.80	39.9	W
	12.48	30.79	38.7	W
	13.19	30.76	39.0	O
	13.22	30.80	38.6	O
1944	3.39	56.08	60.4	W
	3.43	56.10	59.3	W
	5.44	56.11	59.7	W
	7.49	56.15	59.5	O
	12.35	56.04	59.1	O
	12.39	56.06	59.1	W
	12.40	56.07	59.8	W
1945	3.39	8.60	60.4	W
	3.42	8.60	59.6	W
	8.42	8.60	59.1	O
	12.35	8.61	59.7	O
	12.35	8.63	—	O
	12.39	8.61	—	W
	12.48	8.59	60.3	W
	13.22	8.58	59.9	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
1946	2.50	46h42	51°7	O
	3.37	46.45	50.6	W
	3.37	46.44	51.8	W
	3.38	46.41	51.7	W
	4.40	46.53	50.8	O
	4.40	46.46	50.5	O
1947	7.45	47.09	43.3	W
	7.45	47.04	42.1	W
	7.46	47.09	42.9	O
	7.46	47.23	41.9	O
	7.46	47.06	43.4	O
	8.39	47.06	44.4	W
	9.48	47.06	42.6	W
1948	5.48	47.70	45.1	W
	7.45	47.72	44.1	W
	7.46	47.76	44.9	O
	7.46	47.78	45.0	O
	7.49	47.77	45.8	O
	8.40	47.70	45.0	W
1949	7.45	52.35	54.2	W
	7.46	52.23	55.6	O
	7.48	52.33	57.4	O
	7.49	52.28	55.8	O
	8.39	52.28	54.2	W
	8.42	52.33	55.0	W
1950	7.45	54.40	20.4	W
	7.45	54.35	25.7	W
	7.46	54.29	26.0	O
	7.46	54.43	26.2	O
	7.48	54.37	26.4	O
	8.40	54.34	26.3	W
1951	2.50	57.96	21.2	O
	3.39	57.83	20.4	W
	3.39	57.95	21.1	W
	3.42	57.91	21.9	W
	4.40	57.95	20.6	O
	12.34	57.88	21.4	O
1952	5.48	21.73	51.7	W
	7.49	21.68	53.3	O
	7.49	21.64	53.4	O
	8.39	21.65	53.1	W
	8.42	21.65	51.3	W
	8.42	21.68	53.2	O
1953	7.46	53.50	7.5	O
	7.48	53.53	8.0	O
	8.42	53.54	6.6	O
	9.40	53.58	6.8	W
	9.42	53.54	6.9	W
	9.48	53.49	6.1	W
1954	2.50	35h02	37°7	O
	3.39	35.03	38.1	W
	3.39	35.01	37.4	W
	3.42	35.01	37.4	W
	4.50	35.03	37.7	W
	12.34	35.86	30.3	O
1955	7.45	5.26	25.5	W
	7.48	5.29	24.1	O
	7.49	5.30	24.5	O
	7.52	5.26	25.0	W
	8.40	5.34	23.3	W
	8.42	5.28	23.0	O
1956	4.40	11.42	20.7	O
	4.40	11.26	30.1	O
	4.41	11.40	29.9	O
	5.44	11.44	28.5	W
	5.45	11.41	28.3	W
	9.50	11.40	29.0	W
1957	5.48	35.05	18.2	W
	7.46	35.02	18.2	O
	7.46	35.89	17.7	O
	7.49	35.88	19.0	O
	8.39	35.90	18.5	W
	8.42	35.81	18.4	W
1958	7.46	36.50	6.3	O
	7.48	36.42	7.8	O
	8.42	36.44	7.0	O
	9.40	36.38	6.0	W
	9.42	36.40	5.9	W
	9.48	36.46	5.6	W
1960	7.45	55.85	10.5	W
	8.40	55.90	8.0	W
	8.42	55.84	10.2	W
	8.42	55.80	10.3	O
	12.49	55.83	10.4	O
	13.22	55.84	10.3	O
1961	12.39	8.05	57.0	W
	12.49	8.07	56.4	W
	13.17	8.08	57.0	W
	13.18	8.09	56.7	O
	13.19	8.03	56.6	O
	13.31	8.04	58.2	O
1962	9.48	30.48	51.9	W
	9.51	30.41	52.3	W
	12.29	30.48	52.2	W
	12.49	30.46	53.3	O
	13.31	30.43	53.0	O
	13.31	30.42	52.6	O
1963 ¶	4.50	35h20	43°0	O
	4.53	35.11	42.9	O
	5.45	35.15	43.1	W
	5.48	35.17	44.1	W
	12.35	35.06	45.4	O
	13.27	34.95	45.9	O
1964	5.44	52.86	39.4	W
	13.22	52.87	38.9	O
	13.22	52.90	39.9	W
	13.24	52.85	40.0	W
	13.24	52.79	39.4	O
	13.31	52.83	38.8	O
1965	8.42	33.39	25.3	O
	12.35	33.39	23.8	O
	13.19	33.40	25.0	O
	13.25	33.40	24.3	W
	13.26	33.42	24.7	W
	13.26	33.39	24.7	W
1966	3.39	39.16	20.4	W
	3.39	39.22	19.2	W
	3.42	39.23	20.2	W
	3.43	39.24	19.8	W
	3.45	39.25	19.3	O
	3.49	39.22	19.8	O
1967	7.48	39.49	38.9	O
	7.49	39.46	39.3	O
	7.49	39.45	39.5	O
	8.40	39.43	37.4	W
	9.40	39.44	38.3	W
	9.42	39.44	37.9	W
1968	4.40	56.06	7.7	O
	4.40	55.98	7.8	O
	4.41	56.05	7.6	O
	12.23	55.90	7.5	W
	13.24	55.92	7.1	W
	13.26	55.98	7.3	W
1969	7.45	9.55	41.2	W
	7.45	9.62	41.2	W
	7.46	9.54	40.6	O
	7.46	9.56	39.6	O
	7.48	9.47	40.9	O
	8.42	9.58	41.5	W
1970	4.50	23.77	46.4	W
	5.45	23.74	44.4	W
	5.48	23.79	45.5	W
	8.42	23.72	46.1	O
	13.18	23.67	48.5	O
	13.31	23.72	49.8	O
1971	5.44	31h18	60°9	W
	9.50	31.15	9.5	W
	13.17	31.18	10.9	W
	13.22	31.22	10.3	O
	13.24	31.13	10.0	O
	13.31	31.14	10.1	O
1972	9.48	34.39	8.6	W
	12.35	34.42	9.1	O
	12.44	34.42	9.7	W
	13.25	34.41	7.8	W
	13.27	34.33	8.9	O
	13.30	34.37	8.5	O
1973	7.49	24.57	28.1	O
	8.42	24.59	28.5	O
	12.44	24.59	27.2	W
	13.25	24.58	28.9	W
	13.24	24.55	27.8	W
	13.24	24.53	28.6	O
1974	7.45	35.57	37.1	W
	7.45	35.53	36.3	W
	7.46	35.56	37.0	O
	7.46	35.53	37.1	O
	7.48	35.51	36.6	O
	7.52	35.51	35.7	W
1975	4.50	2.24	37.6	W
	8.42	2.17	36.2	O
	9.50	2.25	36.0	W
	13.17	2.20	36.5	W
	13.18	2.13	36.7	O
	13.22	2.20	36.8	O
1976	3.39	12.57	27.8	W
	3.39	12.57	27.2	W
	3.42	12.57	27.4	W
	12.35	12.56	26.2	O
	12.35	12.55	25.8	O
	13.19	12.52	25.9	O
1977	4.40	38.64	2.6	O
	4.40	38.61	4.0	O
	4.41	38.62	2.2	O
	5.45	38.64	2.2	W
	5.48	38.61	2.5	W
	9.48	38.61	3.2	W
1978	3.43	20.56	37.3	W
	3.45	20.49	37.7	O
	3.49	20.52	38.3	O
	7.48	20.49	38.0	O
	12.49	20.47	38.3	W
	13.26	20.52	38.4	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890,0	δ 1890,0	Kr.
1979	2,56	26h19m 51'8		O
	2,58	26,17	52,2	O
	5,45	26,23	51,6	W
	12,35	26,15	51,1	O
	13,24	26,14	50,0	W
	13,26	26,13	50,9	W
1980	7,49	0,17	37,2	O
	8,42	0,30	37,7	O
	8,42	0,22	37,4	O
	13,17	0,23	38,0	W
	13,26	0,29	38,4	W
	13,27	0,27	38,5	W
1981	2,51	52,58	43,6	O
	2,54	52,67	43,1	O
	3,39	52,66	43,7	W
	3,40	52,64	43,6	W
	3,43	52,58	43,2	W
	4,40	52,68	42,0	O
1982	5,48	2,53	6,7	W
	7,45	2,53	6,8	W
	7,46	2,51	5,8	O
	7,46	2,53	6,2	O
	7,49	2,52	6,9	O
	9,48	2,52	6,8	W
1983	2,51	37,84	44,2	O
	2,54	37,87	44,5	O
	3,39	37,89	45,3	W
	3,40	37,93	45,2	W
	3,43	37,84	44,3	W
	12,35	37,94	44,6	O
1984	3,43	43,13	11,2	W
	3,45	43,16	11,9	O
	3,49	43,08	10,0	O
	3,49	43,12	11,0	O
	4,40	43,20	11,0	O
	4,50	43,14	11,0	W
	4,53	43,12	11,2	O
1985	7,45	22,78	6,7	W
	7,45	22,82	7,3	W
	7,46	22,81	6,1	O
	7,46	22,82	5,7	O
	7,48	22,85	6,3	O
	8,40	22,83	6,1	W
1986	2,56	22,83	43,8	O
	2,57	22,82	44,1	O
	5,45	22,92	44,4	W
	5,48	22,84	43,9	W
	5,52	22,94	44,8	W
	13,18	22,86	45,2	O
1987	5,45	32h34m 50'8		W
	12,35	32,37	50,6	O
	12,35	32,32	51,1	O
	12,44	32,28	50,6	W
	12,49	32,33	51,3	W
	13,19	32,34	51,5	O
1988	7,48	39,08	52,0	O
	7,49	39,09	50,7	O
	7,50	39,02	52,3	W
	7,52	39,07	51,1	W
	8,42	39,07	51,8	O
	9,48	39,08	52,5	W
1989	8,42	29,80	12,4	O
	9,51	29,91	10,9	W
	12,49	29,97	12,2	O
	13,17	29,87	11,9	W
	13,22	29,89	12,3	O
	13,23	29,84	12,5	W
1990	3,43	48,87	49,9	W
	3,45	48,93	48,6	O
	3,49	48,89	48,7	O
	3,49	48,85	49,7	O
	4,50	48,89	49,4	W
	4,53	48,91	51,1	O
1991	7,49	56,56	9,2	O
	12,49	56,55	10,5	W
	13,26	56,60	10,3	W
	13,27	56,53	10,5	W
	13,31	56,58	10,8	O
	13,31	56,46	10,3	O
1992	13,18	19,87	21,2	O
	13,24	19,90	20,8	W
	13,26	19,89	20,5	W
	13,26	19,89	20,5	W
	13,27	19,87	21,5	O
	13,31	19,89	21,2	O
1993	7,45	23,62	50,3	W
1994	4,40	28,75	43,9	O
	5,45	28,73	43,8	W
	5,52	28,77	44,4	W
	5,54	28,73	44,8	W
	13,22	28,68	44,2	O
	13,25	28,69	44,5	O
1995	2,51	38,91	2,1	O
	2,54	38,94	2,4	O
	3,39	38,82	2,3	W
	3,40	38,82	2,3	W
	3,43	38,84	1,7	W
	13,19	38,84	2,8	O
1996	7,48	42h56m 23'8		O
	7,49	42,04	23,1	O
	9,48	42,03	24,1	W
	12,49	42,05	24,5	O
	13,17	42,87	23,2	W
	13,23	42,62	24,3	W
1997	7,45	13,52	18,3	W
	7,49	13,56	17,5	O
	7,50	13,57	16,7	O
	7,50	13,47	17,7	W
	8,40	13,51	18,0	W
	8,42	13,49	17,8	O
1998	5,48	55,79	40,6	W
	7,48	55,84	41,9	O
	7,49	55,83	42,2	O
	7,52	55,87	41,7	W
	12,35	55,83	41,7	O
	12,44	55,82	43,2	W
1999	2,51	53,22	41,1	O
	2,54	53,27	41,3	O
	3,39	53,19	41,2	W
	3,40	53,16	41,2	W
	3,43	53,17	40,9	W
	13,18	53,14	39,0	O
2000	7,45	30,64	19,2	W
	7,45	30,64	20,4	W
	7,46	30,66	18,8	O
	7,46	30,58	18,5	O
	7,48	30,62	18,7	O
	7,50	30,71	20,0	W
2001	12,49	34,42	18,6	W
	13,17	34,43	18,3	W
	13,19	34,45	18,7	O
	13,23	34,42	19,4	O
	13,23	34,46	18,0	W
	13,25	34,45	19,5	O
2002	3,43	39,22	12,1	W
	3,45	39,18	12,1	O
	3,49	39,30	12,0	O
	3,49	39,28	11,8	O
	5,45	39,22	11,3	W
	5,45	39,27	12,0	W
2003	2,56	1,11	18,3	O
	2,57	1,04	18,3	O
	4,40	0,89	18,0	O
	4,50	0,94	18,0	W
	4,53	0,85	17,7	O
	5,52	1,24	—	W
	7,49	1,02	17,9	O
	7,52	—	16,8	W
2004	12,44	4h30m 53'7		W
	13,18	4,39	55,6	O
	13,22	4,40	54,6	O
	13,26	4,33	53,3	W
	13,26	4,35	53,0	W
	13,31	4,34	54,1	O
2005	13,24	9,09	55,3	W
	13,26	9,05	55,3	W
	13,26	9,01	56,1	W
	13,27	8,98	56,6	O
	13,31	9,00	56,6	O
	13,31	8,87	56,3	O
2007	13,19	18,23	54,7	O
	13,22	18,26	55,2	O
	13,23	18,22	54,1	W
	13,25	18,22	54,2	O
	13,26	18,24	54,0	W
	13,26	18,18	54,4	W
2008	13,17	40,17	27,1	W
	13,24	40,23	26,5	W
	13,27	40,21	26,2	W
	13,27	40,22	26,5	O
	13,31	40,21	27,6	O
	13,31	40,23	26,6	O
2009	13,17	4,08	39,1	W
	13,18	4,18	39,2	O
	13,19	4,15	39,5	O
	13,23	4,11	38,9	O
	13,23	4,07	38,3	W
	13,26	—	38,4	W
	13,26	4,07	39,1	W
2010	2,51	16,94	39,3	O
	2,54	16,88	39,6	O
	4,40	16,94	39,8	O
	4,50	16,90	41,0	W
	4,53	16,88	39,6	O
	5,48	16,92	39,8	W
2011	7,45	33,58	59,3	W
	7,45	33,55	59,2	W
	7,46	33,62	60,1	O
	7,46	33,61	60,1	O
	7,49	33,61	59,2	O
	9,48	33,57	58,8	W
2012	7,48	19,87	30,8	O
	7,48	19,86	41,2	O
	7,49	19,83	41,6	O
	7,50	19,85	40,4	W
	7,52	19,87	40,3	W
	13,24	19,46	47,9	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2013	3.43	52ᵐ10ˢ	25′8	W
	3.45	52.06	25.2	O
	3.49	52.14	26.1	O
	3.49	52.13	25.3	O
	5.45	52.13	26.2	W
	5.52	52.10	24.9	W
2014	5.45	10.65	25.9	W
	5.48	10.70	25.9	W
	5.52	10.68	26.7	W
	13.19	10.66	26.5	O
	13.22	10.70	27.1	O
	13.23	10.67	26.6	O
2015	2.51	28.60	0.0	O
	2.54	28.60	0.8	O
	4.40	28.61	1.2	O
	4.50	28.62	1.5	W
	4.53	28.71	0.9	O
	5.54	28.55	1.7	W
2016	7.45	13.44	58.8	W
	7.45	13.44	58.6	W
	7.46	13.44	58.5	O
	7.46	13.45	56.9	O
	7.49	13.42	58.4	O
	8.40	13.47	58.1	W
2017	3.43	33.17	1.4	W
	3.45	33.14	1.3	O
	3.49	33.19	0.7	O
	3.49	33.19	0.9	O
	5.45	33.14	1.2	W
	5.52	33.16	1.4	W
2018	7.48	58.59	56.0	O
	7.48	58.60	56.1	O
	7.49	58.56	56.5	O
	7.50	58.56	56.0	W
	7.52	58.50	56.1	W
	9.48	58.60	56.4	W
2019	2.57	7.32	5.5	O
	8.42	7.23	5.7	O
	8.42	7.29	5.9	O
	9.51	7.33	5.6	W
	12.44	7.31	6.3	W
	12.49	7.25	6.2	W
2020	3.39	30.44	14.5	W
	3.40	30.47	14.3	W
	3.43	30.51	14.6	W
	4.49	30.60	14.0	O
	12.49	30.52	14.2	O
	13.18	30.50	14.7	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2021	7.45	53ᵐ04ˢ	18′8	W
	7.45	53.06	18.5	W
	7.46	53.04	17.8	O
	7.46	53.08	17.5	O
	7.48	53.84	17.6	O
	7.50	53.86	17.9	W
2022	2.51	2.41	45.8	O
	2.54	2.36	46.4	O
	4.50	2.44	46.4	W
	4.53	2.35	46.0	O
	5.45	2.32	45.9	W
	12.44	2.41	45.1	W
2023	3.43	42.57	18.2	W
	3.45	42.62	16.5	O
	3.49	42.60	17.4	O
	3.49	42.61	17.2	O
	5.45	42.53	16.7	W
	5.48	42.59	17.5	W
2024	2.56	34.99	58.4	O
	2.57	35.00	58.2	O
	3.39	34.95	58.3	W
	3.40	34.96	58.5	W
	3.43	34.96	58.6	W
	13.18	34.90	58.7	O
2025	7.45	47.66	20.1	W
	7.45	47.67	20.7	W
	7.46	47.72	19.6	O
	7.46	47.69	20.4	O
	7.48	47.68	20.5	O
	7.52	47.63	20.5	W
2026	2.54	14.36	35.3	O
	4.40	14.37	35.3	O
	4.50	14.46	36.0	W
	4.53	14.27	35.5	O
	5.45	14.36	35.3	W
	5.52	14.34	35.5	W
2027	7.48	21.28	25.0	O
	7.49	21.27	25.0	O
	7.50	21.17	25.0	W
	8.40	21.17	23.5	W
	8.42	21.20	24.2	O
	9.48	21.20	24.5	W
2028	7.49	6.44	3.7	O
	8.42	6.52	3.5	O
	9.51	6.48	2.8	W
	13.23	6.41	6.3	O
	13.26	6.43	3.6	W
	13.26	6.38	4.5	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2029	7.52	49ᵐ17ˢ	19′1	W
	13.18	49.08	19.8	O
	13.19	49.10	19.1	O
	13.22	49.13	19.2	O
	13.23	49.10	20.0	W
	13.37	49.05	19.7	W
2031	7.48	16.29	47.4	O
	13.26	16.22	46.9	W
	13.26	16.23	47.3	W
	13.27	16.17	47.0	W
	13.27	16.24	47.2	O
	13.31	16.23	47.3	O
2032	7.45	25.60	53.1	W
	7.45	25.58	53.0	W
	7.46	25.61	53.7	O
	7.46	25.57	53.6	O
	8.40	25.58	53.4	W
	13.28	25.56	53.1	O
2033	7.48	30.72	34.2	O
	7.49	30.71	33.1	O
	8.42	30.72	33.7	O
	9.48	30.78	33.8	W
	13.24	30.64	33.8	W
	13.26	30.62	34.9	W
2034	4.60	35.17	43.0	W
	5.45	35.10	44.3	W
	8.42	35.15	43.6	O
	13.19	35.16	44.0	O
	13.23	35.13	43.0	O
	13.23	35.13	45.7	W
2035	2.54	6.45	28.5	O
	4.50	6.40	29.5	W
	4.53	6.40	29.0	O
	13.18	6.21	30.7	O
	13.24	6.32	29.2	W
	13.26	6.32	29.6	W
2036	3.45	36.43	59.7	O
	3.49	36.44	58.9	O
	3.49	36.44	59.1	O
	5.48	36.45	59.0	W
	7.52	36.45	59.2	W
	9.51	36.45	60.4	W
2037	7.48	1.90	7.2	O
	7.48	1.88	7.6	O
	7.49	1.90	7.4	O
	7.50	1.89	7.0	W
	7.52	1.93	7.0	W
	9.48	1.87	6.6	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2038	2.55	1ᵐ39ˢ	2′2	O
	2.56	2.01	1.8	O
	2.57	2.04	2.3	O
	4.40	1.96	1.6	O
	5.52	1.99	2.3	W
	5.54	2.02	2.8	W
2039	7.45	6.33	50.2	W
	7.45	6.36	51.0	W
	7.46	6.32	50.2	O
	7.46	6.34	50.3	O
	7.49	6.30	50.7	O
	8.40	6.26	50.7	W
2040	7.48	48.38	8.6	O
	7.48	48.35	8.6	O
	7.49	48.34	9.0	O
	7.50	48.43	8.6	W
	7.52	48.37	9.7	W
	7.52	48.36	9.8	W
2041	2.51	6.99	41.0	O
	2.54	6.95	41.3	O
	4.40	6.99	41.8	O
	4.50	6.91	42.9	W
	4.53	6.92	41.4	O
	4.60	6.93	42.1	W
2042	7.45	8.12	48.3	W
	7.45	8.13	49.6	W
	7.46	8.14	49.1	O
	7.46	8.19	49.6	O
	7.49	8.11	47.1	O
	9.48	8.13	48.3	W
2043	2.55	41.26	60.4	O
	2.55	41.33	59.8	O
	2.56	41.34	60.5	O
	5.45	41.39	59.7	W
	5.45	41.35	59.6	W
	5.48	41.35	60.0	W
2044	7.49	24.29	18.5	O
	8.42	24.40	19.0	O
	8.42	24.45	20.0	O
	9.51	24.38	20.4	W
	13.23	24.32	19.6	W
	13.24	24.39	21.4	W
2045	7.45	4.70	57.7	W
	7.45	4.76	59.1	W
	7.46	4.72	58.2	O
	7.46	4.78	58.9	O
	7.48	4.78	58.7	O
	7.52	4.77	59.0	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2046	2.51	15ʰ28	18°3	O	2055	7.49	15ʰ3	42°0	O	2063	7.48	36ʰ88	28°4	O	2071	2.55	0ʰ18	40°7	O
	2.54	15.28	19.0	O		13.23	1.96	42.5	O		8.42	36.91	29.0	O		2.56	0.14	41.7	O
	5.45	15.25	18.7	W		13.24	1.99	41.9	W		8.42	36.91	29.8	O		3.45	0.29	(43.5)	O
	5.48	15.20	18.4	W		13.25	1.90	42.2	O		9.51	36.89	29.6	W		5.45	0.14	42.2	W
	5.52	15.25	18.1	W		13.26	1.90	41.9	W		13.24	36.93	29.6	W		5.45	0.17	40.4	W
	13.19	15.23	19.0	O		13.26	1.86	41.2	W		13.26	36.85	31.1	W		5.48	0.08	40.3	W
2048	3.45	59.36	16.2	O	2056	2.51	17.14	30.0	O	2064	2.55	45.94	6.4	O	2072	7.49	56.48	22.8	O
	3.49	59.35	17.4	O		2.54	17.16	30.0	O		2.55	45.97	6.9	O		7.52	56.52	20.9	W
	3.49	59.34	17.5	O		5.48	17.19	30.4	W		2.56	45.98	6.7	O		8.40	56.53	21.2	W
	5.45	59.35	17.8	W		5.52	17.13	29.4	W		4.60	45.84	7.4	W		8.42	56.50	22.6	O
	5.54	59.34	16.6	W		5.54	17.18	30.2	W		13.26	45.89	8.1	W		9.48	56.52	21.6	W
	7.52	59.39	17.8	W		12.49	17.13	29.7	O		13.27	45.87	7.9	W		13.25	56.55	22.3	O
											13.41	45.87	7.2	W					
2049	7.48	16.42	3.7	O	2057	2.55	43.03	5.3	O	2065	7.49	48.88	54.9	O	2073	3.49	18.08	39.1	O
	7.49	16.48	3.3	O		2.55	43.17	5.2	O		7.52	48.97	55.2	W		4.60	18.14	40.7	W
	7.49	16.34	2.9	O		2.56	43.19	4.3	O		13.19	48.87	—	O		4.60	18.10	39.7	W
	7.50	16.39	2.0	W		12.49	42.87	6.6	W		13.23	48.92	55.7	W		5.48	18.08	41.8	W
	9.48	16.41	2.7	W		13.23	42.85	7.2	W		13.26	48.92	56.4	W		13.22	18.05	39.1	O
	9.51	16.42	3.0	W		13.27	42.89	7.4	W		13.27	48.93	55.7	O		13.23	18.10	39.6	O
											13.28	—	56.1	O					
2050	7.45	45.70	41.6	W	2058	7.48	37.47	47.4	O	2066	13.26	0.45	26.7	W	2074	2.51	22.89	32.7	O
	7.45	45.67	41.2	W		7.48	37.54	47.7	O		13.28	0.41	25.0	O		2.54	22.92	32.5	O
	7.46	45.67	42.2	O		7.49	37.47	48.2	O		13.31	0.38	25.3	O		4.50	22.93	31.5	W
	7.46	45.63	39.9	O		7.52	37.49	48.0	W		13.33	0.48	24.4	O		4.53	22.88	32.1	O
	7.48	45.66	40.1	O		7.52	37.52	46.5	W		13.37	—	24.5	W		5.52	22.88	31.1	W
	8.40	45.63	40.8	W		8.40	37.55	47.7	W		13.37	0.48	25.1	W		5.52	22.91	31.4	W
											13.42	0.43	25.3	W					
2051	2.56	54.36	49.1	O	2059	7.45	48.80	23.2	W		13.44	0.52	24.7	W	2075	2.55	28.50	28.6	O
	2.57	54.34	48.1	O		7.45	48.79	20.9	W	2067	7.48	4.78	43.6	O		2.56	28.51	29.5	O
	4.50	54.40	49.7	W		7.46	48.75	21.2	O		7.49	4.75	44.4	O		2.57	28.52	28.8	O
	4.53	54.38	49.1	O		7.46	48.74	21.4	O		13.25	4.76	44.3	O		5.45	28.55	29.2	W
	4.60	54.36	50.3	W		7.49	48.75	20.4	O		13.37	4.78	45.2	W		5.52	28.54	29.8	W
	4.60	54.35	48.2	W		9.48	48.74	19.3	W		13.42	4.84	43.7	W		5.54	28.51	30.0	W
											13.42	4.77	44.4	W					
2052	7.52	54.53	44.2	W	2060	2.51	23.00	41.5	O						2076	2.55	45.85	15.6	O
	7.52	54.50	44.5	W		2.54	23.02	40.4	O	2068	2.56	22.16	28.3	O		3.45	45.95	16.2	O
	8.42	54.57	44.3	O		4.50	23.01	41.4	W		2.57	22.14	28.5	O		3.49	45.82	16.9	O
	8.42	54.51	44.9	O		4.53	23.03	40.1	O		13.23	22.06	29.5	O		13.23	45.77	17.0	W
	13.19	54.48	45.1	O		5.45	23.00	40.7	W		13.24	22.04	28.5	W		13.24	45.82	15.4	W
	13.23	54.49	44.3	W		12.44	22.97	41.3	W		13.26	22.08	28.3	W		13.26	45.80	16.3	W
											13.26	22.07	28.4	W					
2053	7.48	30.83	56.0	O	2061	3.45	46.03	44.6	O	2069	13.22	25.37	5.4	O	2077	7.48	44.61	42.2	O
	7.49	30.85	56.9	O		3.49	46.03	46.2	O		13.23	25.35	4.2	W		7.48	44.53	42.4	O
	7.50	30.89	56.5	W		3.49	45.98	45.8	O		13.27	25.31	3.8	W		7.50	44.61	42.5	W
	9.48	30.86	56.1	W		4.60	46.01	47.1	W		13.27	25.33	5.4	O		7.52	44.57	41.7	W
	9.51	30.88	57.2	W		4.60	46.00	46.3	W		13.31	25.35	5.6	O		8.40	44.55	42.5	W
	13.22	30.83	57.3	O		5.45	46.04	45.4	W		13.42	25.31	3.9	W		8.42	44.61	42.7	O
2054	3.45	44.12	13.6	O	2062	5.48	10.69	49.1	W	2070	2.51	35.13	30.2	O	2078	2.56	45.33	7.5	O
	3.49	44.14	12.9	O		5.52	10.66	49.3	W		2.54	35.22	30.0	O		5.45	45.37	9.2	W
	3.49	44.15	13.4	O		5.54	10.77	48.7	W		4.50	35.15	30.3	W		12.60	45.27	8.4	O
	4.60	44.04	14.8	W		13.22	10.58	50.9	O		4.53	35.14	28.8	O		12.60	45.31	8.7	O
	5.45	44.12	14.9	W		13.23	10.61	50.2	O		4.60	35.13	29.1	W		13.23	45.32	9.6	W
	5.45	44.10	13.7	W		13.25	10.55	50.7	O		13.41	35.05	28.5	W		13.26	45.28	8.9	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2079	2.51	27h20	41°4	O
	2.54	27.24	41.0	O
	2.55	27.25	40.7	O
	4.60	27.26	42.5	W
	4.53	27.26	41.0	O
	4.60	27.30	42.3	W
	5.45	27.24	41.5	W
2080	7.49	30.80	41.6	O
	7.52	30.87	40.6	W
	9.48	30.79	40.5	W
	9.51	30.83	39.8	W
	12.61	(51.10)	42.0	O
	13.22	30.82	41.4	O
2081	2.55	57.13	31.0	O
	2.56	57.12	32.5	O
	2.57	57.12	31.5	O
	5.48	57.04	32.3	W
	5.52	57.12	32.5	W
	5.52	57.20	31.6	W
2082	7.49	7.51	43.5	O
	12.00	7.52	43.5	O
	13.23	7.59	43.7	O
	13.24	7.55	42.9	W
	13.26	7.54	43.9	W
	13.27	7.55	43.5	W
	13.42	7.58	44.3	W
2083	3.45	18.23	24.5	O
	3.49	18.20	24.8	O
	3.49	18.24	23.7	O
	4.00	18.23	23.5	W
	4.60	18.13	22.4	W
	5.54	18.22	23.4	W
	13.26	18.09	24.4	W
2084	13.25	38.08	29.0	O
	13.26	38.03	28.5	W
	13.27	38.07	29.5	O
	13.28	38.08	29.2	O
	13.37	—	29.0	W
	13.37	38.13	29.1	W
	13.42	38.05	27.3	W
2085	4.60	59.31	29.5	W
	13.31	59.24	29.7	O
	13.33	59.27	30.0	O
	13.41	59.19	29.8	W
	13.42	59.27	30.0	W
	13.49	—	30.0	O
	13.50	59.32	29.3	O
2086	5.45	28.44	53.4	W
	13.23	28.40	52.9	O
	13.24	28.40	53.5	W
	13.26	28.39	52.9	W
	13.50	28.49	53.2	O
	13.51	28.40	52.5	O
2087	2.56	47h14	20°7	O
	5.52	47.19	20.1	W
	12.60	47.20	20.2	O
	13.25	47.18	20.5	O
	13.37	—	20.5	W
	13.37	47.15	20.4	W
	13.42	47.13	20.5	W
2088	7.48	33.19	13.3	O
	7.48	33.22	14.0	O
	7.49	33.23	13.5	O
	7.50	33.19	13.4	W
	7.52	33.25	11.9	W
	9.48	33.17	12.6	W
2089	2.56	47.50	57.2	O
	2.57	47.46	57.3	O
	4.50	47.57	58.2	W
	4.53	47.47	57.1	O
	5.45	47.51	57.5	W
	13.23	47.44	58.2	O
2090	7.49	4.04	47.4	O
	7.52	4.01	47.0	W
	8.42	4.54	47.1	O
	9.51	4.52	47.4	W
	13.26	4.53	49.0	W
	13.27	4.55	49.2	O
2091	4.00	11.46	37.3	W
	13.22	11.37	37.6	O
	13.28	11.39	36.9	O
	13.31	11.40	36.7	O
	13.41	11.35	37.6	W
	13.42	11.43	37.6	W
2092	4.60	35.45	39.3	W
	12.60	35.49	38.4	O
	13.23	35.42	40.8	W
	13.26	35.44	39.9	W
	13.33	35.44	38.3	O
	13.52	35.43	37.4	O
2093	13.23	36.47	9.4	O
	13.24	36.46	9.8	W
	13.26	36.52	10.4	W
	13.27	36.48	8.8	O
	13.37	—	9.6	W
	13.42	36.47	10.7	W
	13.53	36.54	9.6	O
2094	7.49	53.24	29.0	O
	13.25	53.15	29.2	O
	13.27	53.19	30.4	W
	13.28	53.19	28.9	O
	13.37	53.19	29.8	W
	13.37	53.18	31.3	W
2095	7.48	20h39	47°7	O
	7.48	20.49	49.4	O
	7.49	20.40	48.6	O
	7.52	20.37	49.0	W
	9.48	20.44	48.1	W
	9.51	20.45	48.3	W
2096	2.56	20.61	39.9	O
	2.57	20.56	40.0	O
	4.50	20.62	40.9	W
	4.53	20.65	39.6	O
	4.60	20.63	39.7	W
	5.52	20.57	40.7	O
2098	7.48	13.34	49.9	O
	7.48	13.35	50.0	O
	7.49	13.39	50.9	O
	7.52	13.35	51.6	W
	13.24	13.36	51.3	W
	13.26	13.30	50.9	W
2099	3.45	18.35	28.5	O
	3.49	18.35	27.2	O
	3.49	18.28	28.0	O
	4.60	18.27	27.7	W
	4.60	18.27	28.1	W
	5.48	18.27	28.6	W
2100	5.52	40.73	6.3	W
	5.52	40.71	6.1	W
	5.54	40.72	6.1	W
	12.50	40.66	5.2	O
	13.27	40.59	5.5	O
	13.28	40.60	6.0	O
2101	7.49	44.88	56.1	O
	7.52	44.88	58.0	W
	8.42	44.79	57.0	O
	9.48	44.81	57.4	W
	9.51	44.88	57.5	W
	12.60	44.84	56.8	O
	12.61	44.87	57.7	O
2102	13.22	45.55	2.2	O
	13.23	45.52	2.4	O
	13.23	45.60	1.8	W
	13.25	45.55	2.4	O
	13.26	45.54	2.0	W
	13.26	45.58	1.9	W
2103	12.60	49.38	21.8	O
	13.27	49.42	21.9	W
	13.31	49.47	22.8	O
	13.37	—	21.8	W
	13.41	49.53	22.4	W
	13.46	49.41	21.5	W
	13.50	49.46	20.1	O
2104	13.42	0h30	24°3	W
	13.44	0.29	24.1	W
	13.45	0.34	25.7	W
	13.51	0.35	25.2	O
	13.52	0.30	23.3	O
	13.56	0.34	23.6	O
2105	2.51	0.49	14.0	O
	2.53	0.42	13.3	O
	2.55	0.42	13.4	O
	4.50	0.43	13.7	W
	4.53	0.38	13.1	O
	4.54	0.42	14.0	W
	5.48	0.39	13.4	W
2106	13.33	0.65	7.6	O
	13.37	0.61	6.1	W
	13.37	0.61	5.9	W
	13.42	0.67	7.0	W
	13.52	0.65	7.0	O
	13.53	0.59	7.0	O
2107	13.31	15.48	52.3	O
	13.47	15.02	52.3	W
	13.48	15.44	53.9	W
	13.49	15.55	52.4	W
	13.50	15.50	52.1	O
	13.61	15.50	52.4	O
2108	2.55	19.02	6.1	O
	2.56	18.99	6.2	O
	2.56	19.06	5.3	O
	5.52	18.99	6.2	W
	13.26	18.91	6.8	W
	13.46	18.92	7.4	W
2109	13.24	21.07	7.4	W
	13.28	22.00	6.6	O
	13.42	22.00	7.7	W
	13.45	21.99	7.2	W
	13.51	22.00	6.7	O
	13.62	21.95	6.7	O
2110	3.45	21.58	42.2	O
	3.49	21.53	41.9	O
	3.49	21.58	41.5	O
	4.60	21.58	42.4	W
	4.60	21.58	42.5	W
	13.23	21.54	43.1	W
2111	12.50	27.03	19.5	O
	12.60	27.06	19.0	O
	13.24	26.96	18.8	O
	13.26	27.01	19.1	W
	13.26	27.06	19.1	W
	13.27	27.01	19.0	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2112	2.57	42°28	6°6	O
	5.45	42.29	7.3	W
	5.52	42.28	7.8	W
	5.52	42.80	7.2	W
	12.60	42.27	7.8	O
	13.27	42.26	7.7	O
2113	7.48	0.06	39.3	O
	7.52	0.10	37.5	W
	7.52	0.10	38.1	W
	12.61	0.05	39.7	O
	13.33	0.04	39.2	O
	13.37	—	38.7	W
	13.42	0.06	38.9	W
2114	7.49	13.40	13.1	O
	7.49	13.43	13.4	O
	8.42	13.41	13.8	O
	9.51	13.40	13.1	W
	13.37	13.41	13.4	W
	13.37	13.42	13.1	W
2115	7.48	25.24	28.9	O
	7.48	25.19	29.0	W
	12.61	25.27	28.8	O
	13.26	25.26	28.2	W
	13.26	25.21	29.3	W
	13.27	25.21	28.6	O
2116	13.25	28.19	51.8	O
	13.26	28.13	52.7	W
	13.27	28.14	52.1	W
	13.28	28.17	52.6	O
	13.31	28.15	52.4	O
	13.41	28.15	52.8	W
2117	7.52	59.16	54.9	W
	13.22	59.20	55.6	O
	13.23	59.24	55.5	O
	13.23	59.23	55.0	W
	13.24	59.25	55.7	W
	13.53	59.16	54.7	O
2118	7.48	53.96	46.4	O
	9.51	53.93	46.9	W
	12.60	53.88	45.4	O
	13.26	53.90	46.8	W
	13.27	53.92	46.1	O
	13.41	53.90	47.4	W
2119	7.49	6.84	1.3	O
	8.42	6.76	0.4	O
	13.26	6.74	0.1	W
	13.33	6.80	1.5	O
	13.42	6.82	2.1	W
	13.42	6.79	0.9	W
2120	7.48	13°46	12°0	O
	12.37	13.37	11.6	W
	13.42	13.44	14.1	W
	13.44	13.46	11.7	W
	13.50	13.39	12.0	O
	13.51	13.39	12.8	O
2121	7.49	46.30	33.0	O
	7.52	46.26	33.6	W
	13.23	46.30	34.6	W
	13.24	46.29	35.7	W
	13.50	46.22	34.9	O
	13.52	46.30	34.7	O
2122	2.56	40.16	56.7	O
	3.45	40.21	56.2	O
	3.49	40.28	55.3	O
	5.52	40.28	56.2	W
	5.54	40.23	55.3	W
	13.37	40.19	56.4	O
2123	3.49	45.03	21.5	O
	12.60	45.02	23.9	O
	13.41	46.02	23.8	W
	13.42	45.93	22.6	W
	13.42	45.95	23.2	W
	13.52	46.00	22.3	O
2124	13.31	49.24	58.5	O
	13.43	49.16	59.6	W
	13.44	49.35	60.4	W
	13.45	49.34	57.9	W
	13.56	49.27	57.4	O
	13.61	49.22	57.7	O
2125	13.26	12.45	21.9	W
	13.28	12.43	21.3	O
	13.33	12.42	22.3	O
	13.37	—	21.9	W
	13.37	12.39	21.7	W
	13.46	12.45	20.7	W
	13.62	12.43	22.0	O
2126	7.49	29.85	59.5	O
	8.42	29.89	58.3	O
	12.61	29.90	59.5	O
	13.26	29.82	59.1	W
	13.41	29.97	58.4	W
	13.44	29.82	59.5	W
2127	3.49	42.58	24.7	O
	5.54	42.60	23.9	W
	5.59	42.53	24.3	O
	13.25	42.56	23.7	O
	13.37	42.54	24.8	W
	13.42	42.56	25.2	W
2128	7.48	54°34	25°2	O
	7.48	54.28	25.4	O
	7.50	54.30	26.5	W
	7.52	54.29	25.2	W
	9.51	54.33	25.5	W
	13.27	54.35	24.8	O
2129	2.56	6.00	8.6	O
	3.45	5.94	9.2	O
	3.49	6.01	8.5	O
	4.50	5.97	8.0	W
	4.53	6.02	7.8	O
	4.60	5.98	9.0	W
2130	7.49	8.65	5.8	O
	9.48	8.62	4.6	W
	12.61	8.49	5.5	O
	13.28	8.60	4.9	O
	13.33	8.56	5.4	O
	13.37	8.64	4.6	W
	13.42	8.63	5.2	W
2131	7.49	52.92	6.5	O
	7.49	52.91	7.8	O
	7.52	52.92	7.6	W
	8.42	52.89	6.1	O
	9.51	52.98	8.5	W
	13.27	52.86	7.3	W
	13.45	52.92	7.0	W
2132	5.58	23.79	32.2	O
	7.48	23.76	32.7	O
	7.48	23.73	33.0	O
	7.50	23.74	33.9	W
	12.60	23.81	31.9	O
	13.23	23.83	32.9	W
	13.24	23.85	32.7	W
2133	2.55	28.38	15.7	O
	2.56	28.35	16.0	O
	2.57	28.40	15.9	O
	4.60	28.32	16.8	W
	4.60	28.40	17.3	W
	5.45	28.38	17.5	W
2134	2.51	9.09	47.0	O
	2.54	9.11	47.3	O
	2.55	9.15	47.5	O
	4.50	9.12	48.2	W
	4.53	9.10	47.8	O
	4.54	9.13	47.1	W
	5.52	9.14	47.1	W
2135	7.52	12.28	60.6	W
	12.50	12.28	61.3	O
	12.60	12.21	60.8	O
	12.61	12.23	61.5	O
	12.61	12.22	60.2	O
	13.26	12.26	59.8	W
2136	8.42	20°83	28°6	O
	9.51	29.75	30.4	W
	12.60	29.81	30.3	O
	13.25	29.91	—	O
	13.26	29.81	30.3	W
	13.26	29.83	29.4	W
	13.28	29.82	29.6	O
2137	5.58	47.67	(24.1)	O
	7.49	47.52	18.6	O
	13.31	47.61	18.5	O
	13.37	—	19.1	W
	13.37	47.48	18.9	W
	13.37	47.47	19.1	W
	13.42	47.59	19.0	W
2138	2.55	53.57	22.5	O
	2.56	53.57	22.2	O
	2.56	53.56	22.4	O
	4.60	53.59	23.9	W
	5.45	53.59	22.7	W
	5.52	53.58	22.7	W
2139	7.48	57.60	22.6	O
	7.49	57.64	22.8	O
	7.52	57.66	22.5	W
	13.27	57.62	22.5	O
	13.27	57.60	22.8	O
	13.41	57.59	22.6	W
2140	7.48	43.74	9.6	O
	7.50	43.75	11.4	W
	12.50	43.70	10.4	O
	12.60	43.72	11.3	O
	13.26	43.68	10.8	W
	13.26	43.69	10.1	W
2141	2.57	56.29	25.8	O
	4.60	56.33	26.8	W
	5.52	56.26	26.2	W
	5.52	56.41	26.1	W
	5.58	56.36	26.3	O
	5.59	56.29	25.9	O
2142	7.52	35.38	39.0	W
	8.42	35.36	39.4	O
	12.61	35.37	39.5	O
	13.24	35.44	40.7	W
	13.26	35.41	39.9	W
	13.31	35.38	39.6	O
2143	4.60	36.62	49.4	W
	5.52	36.65	48.6	W
	5.53	36.72	48.4	W
	5.60	36.70	47.7	O
	12.50	36.68	48.6	O
	12.60	36.72	48.6	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2144	2.55	55ᵐ96	54°7	O
	2.56	55.89	55.3	O
	2.56	55.97	54.9	O
	5.45	55.98	55.9	W
	5.58	56.03	55.4	W
	13.27	55.92	55.3	W
2145	7.48	2.89	54.3	O
	7.49	2.84	53.3	O
	7.52	2.91	53.4	W
	9.51	2.90	53.7	W
	12.61	2.99	54.1	O
	13.26	2.84	53.1	W
2146	12.61	27.24	14.9	O
	13.33	27.18	14.3	O
	13.37	—	14.1	W
	13.37	27.26	14.2	W
	13.37	27.22	13.6	W
	13.45	27.31	14.0	W
	13.50	27.22	14.3	O
2147	13.31	9.64	29.4	O
	13.41	9.63	29.1	W
	13.42	9.74	28.5	W
	13.42	9.75	29.3	W
	13.50	9.69	29.7	O
	13.50	9.71	29.7	O
2148	12.61	21.41	21.9	O
	13.25	21.46	22.5	O
	13.26	21.44	22.5	W
	13.26	21.44	21.6	W
	13.27	21.41	22.1	O
	13.28	21.39	22.9	O
	13.44	21.45	22.5	W
2149	2.57	33.39	49.5	O
	4.60	33.43	50.0	W
	4.60	33.49	49.6	W
	5.52	33.44	48.4	W
	5.59	33.45	48.0	O
	5.60	33.46	48.9	O
2150	8.42	37.39	21.7	O
	12.60	37.32	21.9	O
	13.27	37.37	21.7	W
	13.33	37.37	22.2	O
	13.37	—	21.4	W
	13.37	37.39	21.8	W
	13.51	37.38	21.6	O
2151	2.55	51.92	4.0	O
	2.56	51.86	4.4	O
	2.56	51.89	3.9	O
	4.60	51.88	4.3	W
	5.45	51.88	4.4	W
	5.52	51.89	4.6	W
2152	9.51	42ᵐ10	30°7	W
	12.60	42.14	30.0	O
	12.61	42.07	29.8	O
	13.26	42.03	29.7	W
	13.27	42.04	30.2	O
	13.28	42.09	30.0	O
2153	3.45	55.73	30.8	O
	3.49	55.74	30.4	O
	5.52	55.76	31.2	W
	5.54	55.76	31.0	W
	5.58	55.79	31.7	W
	5.58	55.75	31.4	O
2154	5.58	10.45	10.5	W
	5.59	10.43	9.9	O
	5.60	10.46	9.3	O
	12.50	10.46	10.4	O
	13.26	10.44	10.4	W
	13.26	10.48	9.5	W
2155	2.57	7.11	9.1	O
	4.53	7.07	8.6	O
	12.50	7.07	11.0	O
	13.26	7.10	11.2	W
	13.27	7.12	11.8	W
	13.37	—	12.4	W
	13.42	7.12	11.9	W
2156	12.61	25.50	30.5	O
	13.28	25.48	29.5	O
	13.31	25.45	29.8	O
	13.37	25.58	30.1	W
	13.41	25.65	28.8	W
	13.42	25.61	28.0	W
2157	4.60	0.89	12.8	W
	5.45	0.91	13.0	W
	5.52	0.95	12.5	W
	5.58	0.89	12.9	W
	5.58	0.93	12.8	O
	5.59	0.83	13.4	O
	5.60	0.89	12.4	O
2158	3.45	23.97	14.0	O
	3.49	23.62	13.9	O
	3.49	23.94	14.0	O
	5.52	23.93	14.5	W
	5.54	23.99	15.2	W
	5.58	23.94	15.4	W
2159	7.48	10.48	53.2	O
	8.42	10.55	53.0	O
	9.48	10.45	54.1	W
	9.51	10.52	53.9	W
	12.61	10.51	53.7	O
	13.26	10.45	53.6	W
2160	2.55	14ᵐ82	42°2	O
	2.56	14.84	42.6	O
	2.56	14.87	41.9	O
	13.37	14.81	42.2	W
	13.45	14.77	42.1	W
	13.46	14.82	41.3	W
2161	12.63	25.68	49.4	O
	13.33	25.91	48.8	O
	13.41	25.82	49.7	W
	13.42	25.77	49.9	W
	13.45	25.83	49.3	W
	13.50	25.80	49.8	O
2162	12.60	56.53	26.2	O
	13.37	—	26.0	W
	13.37	56.51	25.9	W
	13.42	56.51	26.0	W
	13.46	56.46	25.9	W
	13.50	56.51	26.3	O
	13.50	56.52	26.8	O
2163	13.31	36.56	18.2	O
	13.33	36.60	18.7	O
	13.44	36.54	19.0	W
	13.47	36.61	19.2	W
	13.48	36.60	18.6	W
	13.61	36.56	18.8	O
2165	13.41	49.19	29.5	W
	13.46	49.18	29.3	W
	13.48	49.13	29.7	W
	13.50	49.16	29.6	O
	13.52	49.17	29.8	O
	13.53	49.22	29.1	O
2166	13.37	—	58.0	W
	13.37	13.46	58.2	W
	13.37	13.43	57.1	W
	13.45	13.43	57.5	W
	13.56	13.36	58.5	O
	13.58	13.41	58.2	O
	13.62	13.39	56.9	O
2167	4.60	42.56	15.1	W
	13.31	42.47	13.9	O
	13.45	42.46	14.2	W
	13.46	42.46	14.9	W
	13.51	42.44	15.2	O
	13.52	42.45	15.1	O
2168	13.33	40.96	18.9	O
	13.42	41.11	18.1	W
	13.42	41.03	18.9	W
	13.43	40.93	17.6	W
	13.50	41.03	18.8	O
	13.51	41.06	19.0	O
2169	4.60	8ᵐ50	7°4	W
	4.60	8.50	7.5	W
	5.52	8.56	7.0	W
	13.50	8.39	7.6	O
	13.53	8.47	6.4	O
	13.61	8.49	8.1	O
2170	3.49	15.08	38.4	O
	3.49	15.19	38.2	O
	5.59	15.19	38.3	O
	13.44	15.19	39.9	W
	13.47	15.14	40.0	W
	13.48	15.23	40.2	W
2171	5.52	16.34	16.3	W
	5.54	16.37	16.7	W
	5.59	16.41	17.3	W
	5.60	16.47	16.5	O
	5.60	16.37	16.7	O
	13.50	16.35	17.5	O
2172	13.37	—	45.2	W
	13.37	28.81	44.4	W
	13.41	28.84	44.4	W
	13.48	28.83	44.6	W
	13.52	28.83	44.7	O
	13.56	28.81	43.8	O
	13.58	28.82	44.1	O
2173	2.56	42.99	5.4	O
	2.58	42.99	5.0	O
	5.52	42.96	7.2	W
	5.58	42.87	6.1	W
	5.58	42.90	6.5	O
	13.46	42.68	7.7	W
2174	7.52	44.80	58.3	W
	9.48	44.80	58.7	W
	12.50	44.78	59.6	O
	13.25	44.78	58.8	W
	13.26	44.78	—	O
	13.27	44.78	59.7	O
	13.62	44.79	60.1	O
2175	12.61	48.34	38.3	O
	13.31	48.35	37.5	O
	13.37	48.40	38.5	W
	13.45	48.31	38.6	W
	13.45	48.38	37.7	W
	13.52	48.31	38.2	O
2176	13.42	0.11	46.1	W
	13.46	0.11	46.7	W
	13.49	0.14	46.1	W
	13.50	0.12	47.1	O
	13.51	0.13	45.9	O
	13.51	0.19	46.6	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2177	4.60	14ʰ36ᵐ	18°3	W
	4.60	14.97	18.0	W
	13.26	14.97	15.3	W
	13.50	14.96	17.1	O
	13.53	14.94	17.7	O
	13.61	15.05	17.2	O
2178	7.48	24.26	16.3	O
	7.49	24.23	16.2	O
	12.61	24.22	15.4	O
	13.44	24.17	17.7	W
	13.47	24.15	16.3	W
	13.48	24.14	16.7	W
2179	12.63	10.30	21.6	O
	13.45	10.49	21.2	W
	13.45	10.37	22.2	W
	13.46	10.44	19.4	W
	13.50	10.46	23.0	O
	13.52	10.41	21.7	O
2180	13.33	15.50	51.1	O
	13.41	15.59	50.5	W
	13.42	15.53	50.6	W
	13.48	15.55	51.4	W
	13.50	15.54	50.7	O
	13.58	15.43	50.7	O
2181	13.42	14.70	48.7	W
	13.42	14.65	52.1	W
	13.46	14.47	52.2	W
	13.51	14.63	51.5	O
	13.52	14.60	51.3	O
	13.62	14.60	51.9	O
2182	2.55	19.68	54.8	O
	3.49	19.69	54.3	O
	3.49	19.76	54.5	O
	4.54	—	54.9	W
	4.56	—	55.3	W
	4.60	—	55.6	W
	7.49	19.68	55.0	O
	9.48	19.78	56.1	W
	12.61	19.69	55.6	O
	13.37	19.73	55.7	W
2183	2.55	38.35	2.2	O
	2.56	38.39	2.4	O
	2.56	38.35	2.8	O
	4.60	38.27	2.5	W
	5.52	38.36	2.8	W
	5.58	38.31	2.5	W
	5.58	38.36	2.8	W
	5.58	38.32	2.6	O
	5.59	38.38	3.8	O
	5.60	38.26	3.2	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2184	2.57	57ᵐ56	19°6	O
	4.60	57.56	22.0	W
	4.64	57.48	21.3	W
	5.52	57.57	20.3	W
	12.61	57.50	20.0	O
	13.27	57.50	20.2	O
2185	7.48	6.61	29.0	O
	7.52	6.69	27.9	W
	12.50	6.61	29.3	O
	12.63	6.63	28.5	O
	13.37	—	28.9	W
	13.37	6.67	28.2	W
	13.44	6.61	29.1	W
2186	7.49	21.59	47.3	O
	7.52	21.49	46.5	W
	9.48	21.51	47.3	W
	13.26	21.43	45.8	W
	13.28	21.42	46.8	O
	13.31	21.47	46.7	O
2187	12.50	15.74	51.4	O
	12.61	15.66	51.0	O
	13.33	15.73	52.4	O
	13.37	—	51.7	W
	13.37	15.78	51.6	W
	13.45	15.69	51.8	W
	13.49	15.68	51.3	W
2188	2.56	42.57	27.5	O
	3.49	42.62	27.6	O
	3.49	42.63	29.1	W
	4.60	42.62	28.5	W
	5.52	42.69	28.6	W
	13.51	42.59	27.8	O
2189	5.52	46.43	37.3	W
	5.54	46.41	37.6	W
	5.58	46.41	37.7	W
	5.58	46.43	36.9	O
	5.59	46.49	37.0	O
	5.60	46.44	36.2	O
2190	2.55	1.68	44.5	O
	2.55	1.64	44.2	O
	2.56	1.63	44.6	O
	4.54	1.63	44.6	W
	4.56	1.60	(46.5)	W
	13.45	1.67	44.4	W
2191	12.61	4.29	30.1	O
	13.42	4.50	32.0	W
	13.42	4.36	31.0	W
	13.47	4.37	30.7	W
	13.51	4.30	28.4	O
	13.52	4.41	30.2	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2192	12.63	14ʰ09	13°0	O
	13.37	14.61	11.2	W
	13.41	14.57	12.2	W
	13.44	14.59	12.7	W
	13.50	14.63	12.8	O
	13.50	14.74	11.7	O
2193	4.64	16.16	48.3	W
	5.58	16.19	48.9	W
	5.60	16.17	48.7	O
	13.27	16.17	50.6	W
	13.31	16.18	48.6	O
	13.33	16.09	49.2	O
	13.50	16.13	47.7	O
2194	7.48	15.70	33.9	O
	7.52	15.72	33.0	W
	12.60	15.66	33.9	O
	12.60	15.63	33.7	O
	13.45	15.69	33.6	W
	13.46	15.66	32.9	W
2195	7.49	29.49	30.1	O
	7.52	29.54	30.2	W
	9.48	29.49	30.7	W
	12.61	29.49	30.4	O
	13.28	29.39	31.1	O
	13.42	29.46	31.8	W
2196	2.56	10.96	11.5	O
	2.57	11.05	11.5	O
	5.52	11.07	12.0	W
	5.52	11.05	12.2	W
	5.54	11.11	11.5	W
	5.58	11.02	11.4	O
2197	7.49	14.51	43.0	O
	12.50	14.55	43.6	O
	13.37	—	42.4	W
	13.37	14.47	43.3	W
	13.37	14.53	41.9	W
	13.41	14.40	43.2	W
	13.51	14.44	43.7	O
2198	3.49	30.10	33.0	O
	3.49	30.14	33.1	O
	4.54	30.17	33.8	W
	4.60	30.12	33.7	W
	4.60	30.05	33.2	W
	4.62	30.17	—	W
	4.64	30.14	34.3	W
2199	7.50	12.38	45.7	W
	7.52	12.43	47.1	W
	7.52	12.39	46.4	W
	12.60	12.42	46.8	O
	12.60	12.40	47.0	O
	12.61	12.36	47.2	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2200	7.48	37ᵐ11	31°0	O
	7.49	37.24	(28.3)	O
	12.63	37.22	30.2	O
	13.37	—	30.7	W
	13.37	37.22	30.2	W
	13.44	37.28	30.1	W
	13.46	37.23	31.8	W
2201	12.61	12.74	23.8	O
	13.31	12.66	24.1	O
	13.33	12.65	22.8	O
	13.37	12.65	24.8	W
	13.41	12.63	24.9	W
	13.42	12.65	24.5	W
	13.51	12.64	23.5	O
2202	2.55	44.04	45.0	O
	2.55	44.08	44.0	O
	2.56	44.13	44.0	O
	2.56	44.13	43.9	O
	5.52	44.05	43.4	W
	5.52	44.06	44.2	W
	5.52	44.04	44.5	W
2203	12.50	44.93	36.8	O
	12.60	44.94	37.0	O
	12.60	44.95	36.5	O
	13.45	44.94	36.2	W
	13.45	44.93	35.9	W
	13.47	45.01	36.6	W
2204	7.49	55.04	4.1	O
	9.48	55.11	3.4	W
	13.44	55.05	3.1	W
	13.46	55.05	3.2	W
	13.51	55.07	2.5	O
	13.52	55.04	3.9	O
2205	4.60	56.89	4.7	W
	4.60	56.86	4.8	W
	5.54	56.84	5.3	W
	5.58	56.85	3.6	O
	5.59	56.91	2.3	O
	5.60	56.88	3.1	O
2206	2.57	12.23	59.0	O
	4.64	12.19	59.6	W
	5.58	12.26	59.0	W
	5.58	12.19	59.5	W
	5.60	12.27	59.8	O
	12.61	12.23	58.8	O
2207	4.54	37.49	22.0	W
	4.56	37.48	22.7	W
	4.62	37.41	—	W
	12.61	37.45	20.4	O
	12.63	37.43	21.1	O
	13.31	37.39	20.3	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2208	3.49	38h27m	26°2	O
	3.49	38.32	25.7	O
	13.37	38.20	26.0	W
	13.49	38.21	26.7	W
	13.50	38.22	25.8	O
	13.63	38.25	27.1	W
2209	4.60	56.91	8.2	W
	4.60	56.90	9.5	W
	13.48	56.86	8.8	W
	13.50	56.87	9.8	O
	13.50	56.86	9.4	O
	13.52	56.91	9.5	O
2210	4.63	30.57	51.7	W
	5.59	30.61	50.4	O
	13.37	30.50	51.4	W
	13.46	30.56	51.1	W
	13.51	30.52	50.8	O
	13.52	30.55	51.8	O
2211	7.48	2.37	18.4	O
	7.49	2.44	17.8	O
	7.50	2.30	16.1	W
	7.52	2.40	17.6	W
	7.52	2.42	17.3	W
	13.33	2.41	17.6	O
2212	5.58	57.84	48.4	W
	5.58	57.80	48.7	W
	7.49	57.82	48.5	O
	12.50	57.80	48.2	O
	12.60	57.79	48.8	O
	13.37	—	48.4	W
	13.42	57.80	48.4	W
2213	2.55	47.86	16.5	O
	2.55	47.82	17.2	O
	2.56	47.90	16.8	O
	4.54	47.81	17.1	W
	4.56	47.85	17.4	W
	4.60	47.83	16.9	W
	4.62	47.83	—	W
	4.64	47.83	17.6	W
2214	12.60	20.88	31.2	O
	12.61	20.90	30.6	O
	12.61	20.96	31.4	O
	13.37	20.85	29.8	W
	13.37	20.97	29.6	W
	13.46	20.92	30.3	W
2215	7.52	39.95	43.3	W
	12.63	39.97	44.1	O
	13.31	39.93	44.2	O
	13.33	39.97	43.4	O
	13.45	39.92	43.4	W
	13.47	39.99	43.8	W
2216	12.60	31h34	9°2	O
	13.37	—	10.1	W
	13.42	31.42	10.7	W
	13.46	31.27	9.8	W
	13.48	31.30	10.3	W
	13.51	31.31	9.9	O
	13.51	31.33	10.5	O
2217	3.49	35.57	10.7	O
	3.49	35.56	10.1	O
	4.60	35.54	11.3	W
	4.60	35.62	10.5	W
	5.52	35.56	10.6	W
	5.58	35.61	9.5	O
2218	5.52	55.20	1.5	W
	5.52	55.19	2.5	W
	5.54	55.21	2.5	O
	5.59	55.14	0.6	O
	5.60	55.12	1.3	O
	13.48	55.21	2.7	W
2219	13.44	55.49	32.1	W
	13.45	55.49	31.6	W
	13.51	55.50	32.4	O
	13.52	55.44	31.7	O
	13.52	55.50	31.7	O
	13.64	55.48	31.5	W
2220	2.56	14.26	—	O
	2.57	14.26	40.6	O
	4.64	14.28	41.6	W
	12.63	14.30	39.6	O
	13.49	14.28	41.1	W
	13.61	14.24	39.7	O
	13.63	14.24	40.6	W
2221	13.45	14.50	0.5	W
	13.46	14.51	0.7	W
	13.47	14.52	1.2	W
	13.53	14.60	0.4	O
	13.56	14.55	0.1	O
	13.62	14.50	0.6	O
2222	4.60	30.61	51.0	W
	5.54	30.77	50.5	W
2223	13.31	46.01	48.4	O
	13.33	45.98	48.6	O
	13.37	45.94	48.7	W
	13.37	46.11	48.8	W
	13.42	45.98	48.5	W
	13.50	46.04	49.1	O
2224	4.60	16.81	6.5	W
	13.42	16.71	6.1	W
	13.46	16.74	5.3	W
	13.50	16.70	4.1	O
	13.50	16.66	4.7	O
	13.51	16.73	3.7	O
2225	13.44	38h58	40°6	W
	13.45	38.86	40.1	W
	13.48	38.74	40.2	W
	13.51	38.78	45.4	O
	13.51	38.64	45.0	O
	13.55	38.75	46.3	O
2226	2.55	40.43	39.1	O
	2.55	40.44	39.9	O
	2.56	40.54	39.6	O
	4.54	40.44	39.5	W
	4.54	40.41	39.8	W
	4.56	40.37	40.1	W
	4.64	40.43	39.1	W
2227	13.48	47.84	37.4	W
	13.49	47.70	37.4	W
	13.52	47.72	37.2	O
	13.61	47.75	35.9	O
	13.62	47.77	36.4	O
	13.63	47.74	37.4	W
2228	12.61	51.27	24.0	O
	13.37	—	22.5	W
	13.37	51.33	23.4	W
	13.41	51.27	22.0	W
	13.55	51.27	23.2	O
	13.56	51.34	23.5	O
	13.64	51.30	22.6	O
2229	12.50	57.24	44.6	O
	13.33	57.20	43.5	O
	13.45	57.25	43.7	W
	13.46	57.27	44.4	W
	13.47	57.22	44.5	W
	13.50	57.31	45.0	O
2230	13.42	14.99	58.0	W
	13.42	15.02	57.8	W
	13.46	15.04	58.3	W
	13.50	15.04	58.2	O
	13.50	14.97	57.8	O
	13.51	15.08	57.4	O
2232	13.44	5.83	25.0	W
	13.45	5.86	25.0	W
	13.48	5.88	25.2	W
	13.51	5.83	24.2	O
	13.51	5.84	23.4	O
	13.61	5.79	23.8	O
2233	7.52	45.93	35.3	W
	12.61	45.99	34.6	O
	12.63	46.05	35.8	O
	13.37	45.99	36.0	W
	13.41	45.99	34.8	W
	13.52	45.92	35.5	O
2234	2.55	51h87	40°6	O
	2.55	51.90	41.3	O
	4.54	51.94	41.0	W
	4.56	51.88	40.7	W
	4.64	51.80	41.8	W
	13.62	51.81	41.0	O
2235	4.60	34.71	16.7	W
	4.64	34.72	16.3	W
	5.58	34.67	16.4	W
	13.50	34.71	15.7	O
	13.51	34.71	16.3	O
	13.56	34.64	15.1	O
2236	12.50	36.59	26.0	O
	12.64	36.65	26.7	O
	13.48	36.57	25.8	W
	13.49	36.60	26.0	W
	13.52	36.61	25.7	O
	13.63	36.55	26.0	W
2237	7.52	47.77	10.8	W
	12.63	47.76	10.8	O
	13.31	47.75	11.0	O
	13.33	47.70	11.0	O
	13.37	—	11.4	W
	13.37	47.78	12.1	W
	13.64	47.78	12.6	W
2238	5.52	21.47	44.9	W
	5.57	21.51	44.9	W
	5.58	21.49	43.6	O
	5.60	21.48	45.0	O
	5.60	21.66	44.3	O
	13.44	21.44	45.7	W
2239	5.58	19.33	14.3	W
	5.58	19.41	13.6	W
	5.59	19.40	13.9	O
	12.61	19.25	13.5	O
	13.42	19.31	14.3	W
	13.50	19.32	14.8	O
2240	2.55	35.54	44.5	O
	2.55	35.59	45.1	O
	2.57	35.55	44.9	O
	4.54	—	45.7	W
	4.56	35.61	45.2	W
	4.62	35.56	43.7	W
	4.64	35.59	44.4	W
	4.64	35.62	44.6	W
2241	4.64	38.15	23.3	W
	5.58	38.16	24.0	W
	5.58	38.15	23.9	W
	5.60	38.17	23.3	O
	12.61	38.07	23.0	O
	13.51	38.13	23.3	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2242	7.52	32^{m}50	52°0	W
	7.52	32.52	51.9	W
	12.01	32.49	52.1	O
	12.03	32.53	52.8	O
	12.04	32.53	51.7	O
	13.37	—	51.8	W
	13.37	32.58	51.6	W
2243	5.58	21.16	54.7	W
	13.33	21.22	54.6	O
	13.37	21.12	55.7	W
	13.41	21.13	54.5	W
	13.50	21.21	53.6	O
	13.50	21.22	54.4	O
	13.55	21.19	54.2	O
2244	4.60	21.45	48.4	W
	5.52	21.53	49.3	W
	5.57	21.46	48.8	W
	5.58	21.49	48.6	O
	5.59	21.43	48.5	O
	13.51	21.42	48.9	O
2245	13.42	10.10	43.7	W
	13.42	10.06	43.0	W
	13.44	10.05	43.5	W
	13.50	10.05	43.0	O
	13.51	10.04	43.1	O
	13.52	10.12	43.4	O
2246	13.33	34.70	37.7	O
	13.41	34.67	38.3	W
	13.45	34.72	38.1	W
	13.46	34.75	37.3	W
	13.51	34.68	38.0	O
	13.52	34.76	37.6	O
2247	7.52	30.49	44.6	W
	12.60	30.47	44.8	O
	12.61	30.52	44.0	O
	12.64	30.51	45.3	O
	13.37	30.47	44.2	W
	13.37	30.56	43.0	W
2248	2.55	49.23	44.7	O
	2.55	49.23	44.9	O
	2.57	49.22	44.4	O
	4.54	—	44.9	W
	4.56	49.21	45.7	W
	4.64	49.24	45.8	W
	4.64	49.19	45.1	W
2249	4.60	11.17	36.4	W
	5.57	11.20	36.6	W
	5.58	11.19	37.2	W
	5.58	11.24	35.5	O
	5.59	11.19	35.1	O
	5.60	11.24	35.3	O
2250	4.64	39.93	27.7	W
	4.66	39.89	27.0	W
	5.52	39.90	28.6	W
	5.60	39.92	27.7	O
	12.03	39.96	26.7	O
	12.04	39.91	27.5	O
2251	5.58	10.30	17.6	W
	5.58	10.32	18.1	W
	7.52	10.28	18.2	W
	12.60	10.24	17.7	O
	12.61	10.31	17.7	O
	12.61	10.29	17.0	O
2252	4.60	56.67	12.7	W
	4.60	56.65	10.6	W
	4.64	56.70	11.7	W
	4.66	56.67	11.5	W
	5.60	56.70	10.8	O
	12.63	56.60	11.3	O
2253	7.52	54.81	57.1	W
	12.60	54.84	57.6	O
	12.61	54.82	57.4	O
	12.64	54.83	57.5	O
	13.37	—	56.8	W
	13.37	54.86	57.3	W
	13.46	54.82	57.8	W
2254	12.64	2.95	28.2	O
	13.33	3.03	29.8	O
	13.37	2.95	29.9	W
	13.41	2.96	29.1	W
	13.42	2.98	28.8	W
	13.51	2.94	28.5	O
2255	12.50	17.38	26.0	O
	13.44	17.34	25.6	W
	13.45	17.29	25.8	W
	13.48	17.30	25.4	W
	13.51	17.36	25.8	O
	13.51	17.39	26.9	O
2256	2.55	52.26	7.0	O
	2.55	52.27	6.9	O
	4.54	52.26	5.4	W
	4.56	52.25	5.9	W
	4.64	52.26	6.4	W
	4.64	52.34	7.6	W
2257	5.58	33.14	4.3	W
	5.58	33.14	3.9	W
	13.33	33.13	4.0	O
	13.49	33.05	4.7	W
	13.50	33.14	3.7	O
	13.50	33.24	5.0	O
2258	4.60	3^{h}10	44°1	W
	4.60	3.13	44.5	W
	4.64	3.09	44.1	W
	4.66	3.11	44.0	W
	5.59	3.13	42.7	O
	12.64	3.12	43.3	O
2259	5.52	5.82	29.7	W
	5.57	5.82	29.3	W
	5.58	5.78	29.5	W
	5.60	5.83	28.2	O
	5.60	5.86	28.0	O
	5.61	5.86	29.0	O
2260	7.52	20.18	36.1	W
	7.52	20.13	36.1	W
	12.50	20.21	35.5	O
	12.61	20.16	35.7	O
	12.64	20.20	35.2	O
	13.37	—	35.9	W
	13.45	20.19	35.2	W
2261	12.66	33.58	50.9	O
	13.37	33.56	49.7	W
	13.37	33.57	49.9	W
	13.45	33.54	49.9	W
	13.49	33.56	50.1	W
	13.51	33.62	48.7	O
	13.51	33.61	49.7	O
2262	12.63	48.30	34.5	O
	13.31	48.39	35.0	O
	13.41	48.39	36.0	W
	13.42	48.37	35.0	W
	13.42	48.44	35.0	W
	13.51	48.35	34.6	O
	13.52	48.37	35.1	O
2263	13.44	55.04	4.6	W
	13.46	54.91	5.8	W
	13.47	54.94	5.2	W
	13.50	54.93	5.1	O
	13.52	55.03	5.3	O
	13.56	54.96	6.0	O
2264	12.61	2.02	14.5	O
	13.55	2.06	15.2	O
	13.58	2.05	14.8	O
	13.63	2.01	14.0	W
	13.64	2.02	14.2	W
	13.66	2.02	13.9	W
2265	12.61	51.60	1.3	O
	13.37	—	1.1	W
	13.46	51.70	0.2	W
	13.48	51.61	1.0	W
	13.50	51.77	0.7	O
	13.50	51.76	0.7	O
	13.51	(51.91)	1.2	O
2266	2.55	6^{h}93	28°1	O
	2.55	6.92	28.3	O
	4.54	—	28.2	W
	4.54	6.99	26.8	W
	4.56	6.94	28.0	W
	4.60	6.95	27.3	W
	4.62	6.93	26.3	W
	5.60	6.90	27.3	O
2267	13.33	25.54	7.2	O
	13.41	25.47	6.5	W
	13.45	25.49	6.2	W
	13.47	25.43	5.4	W
	13.51	25.49	6.2	O
	13.51	25.54	6.8	O
2268	4.64	32.83	53.5	W
	4.64	32.83	53.3	W
	4.66	32.87	51.9	W
	5.58	32.84	51.3	O
	5.59	32.78	51.3	O
	5.60	32.78	50.7	O
2269	7.52	27.38	36.6	W
	12.60	27.39	37.6	O
	12.61	27.38	38.7	O
	13.37	27.57	37.0	W
	13.37	27.44	36.7	W
	13.52	27.44	38.3	O
2270	5.58	31.74	49.2	W
	5.58	31.72	49.2	W
	5.58	31.74	49.5	W
	12.63	31.72	49.9	O
	12.64	31.74	49.7	O
	12.66	31.74	50.1	O
2271	12.61	9.22	30.6	O
	13.31	9.19	39.9	O
	13.44	9.28	40.3	W
	13.45	9.23	41.1	W
	13.46	9.26	39.3	W
	13.50	9.26	39.2	O
2272	4.60	35.07	61.0	W
	4.64	35.03	60.7	W
	4.66	35.05	59.6	W
	5.61	35.04	60.3	O
	13.55	35.05	60.0	O
	13.56	35.01	59.7	O
2273	4.62	36.62	37.1	W
	5.52	36.66	38.2	W
	5.57	36.65	38.3	W
	5.58	36.64	37.5	O
	5.59	36.66	37.4	O
	5.60	36.63	38.4	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2275	4.04	53h54	50°8	W
	4.04	53.57	50.8	W
	4.66	53.55	50.4	W
	5.00	53.47	48.5	O
	13.51	53.48	50.7	O
	13.51	53.49	50.5	O
2276	4.00	14.34	10.0	W
	4.60	14.44	9.0	W
	5.57	14.43	10.0	W
	13.52	14.50	9.4	O
	13.55	14.46	9.6	O
	13.58	14.48	10.5	O
2277	12.04	23.72	4.3	O
	13.37	—	3.5	W
	13.41	23.62	4.0	W
	13.42	23.77	3.5	W
	13.50	23.78	4.0	O
	13.51	23.72	4.0	O
	13.63	23.73	4.3	W
2278	4.62	45.35	41.0	W
	4.04	45.37	42.3	W
	5.52	45.38	41.5	W
	5.59	45.41	41.4	O
	5.61	45.30	41.6	O
	13.52	45.36	41.9	O
2279	5.58	22.03	16.9	W
	5.58	22.03	16.7	W
	5.58	22.04	16.8	W
	13.50	22.87	16.3	O
	13.51	22.83	17.5	O
	13.55	22.90	16.4	O
2280	12.61	24.01	37.0	O
	13.49	23.99	34.4	W
	13.53	24.06	36.3	O
	13.56	24.03	36.9	O
	13.63	24.02	34.9	W
	13.64	23.99	35.7	W
2281	12.64	6.37	28.1	O
	13.37	6.37	26.3	W
	13.44	6.42	26.6	W
	13.48	6.40	26.5	W
	13.50	6.44	26.7	O
	13.51	6.43	27.0	O
2282	2.55	8.16	42.8	O
	2.55	8.24	42.3	O
	4.54	8.24	42.3	W
	4.54	8.22	42.9	W
	4.60	8.19	42.2	W
	4.60	8.23	42.9	W
	5.58	8.23	40.7	O
2283	4.04	0h86	13°6	W
	4.04	0.90	15.0	W
	4.60	0.86	14.1	W
	5.60	0.89	14.4	O
	5.60	0.88	15.5	O
	13.52	0.77	15.9	O
2284	7.52	6.74	8.1	W
	12.66	6.77	9.9	O
	13.37	—	8.5	W
	13.41	6.70	9.2	W
	13.45	6.85	9.5	W
	13.50	6.74	9.0	O
	13.52	6.74	10.2	O
2285	4.60	12.25	15.7	W
	4.60	12.19	16.0	W
	4.62	12.18	17.6	W
	5.01	12.11	16.2	O
	13.51	12.24	15.5	O
	13.58	12.16	15.7	O
2286	12.60	3.30	0.3	O
	12.01	3.47	2.1	O
	12.64	3.39	(3.2)	O
	13.37	3.41	0.2	W
	13.45	3.49	1.5	W
	13.49	3.42	0.4	W
2287	5.58	4.88	18.3	W
	12.50	4.80	20.0	O
	12.04	4.76	20.7	O
	13.46	4.81	19.8	W
	13.47	4.85	19.4	W
	13.50	—	19.4	O
2288	12.60	10.87	32.6	O
	12.03	10.85	33.0	O
	12.66	10.88	32.4	O
	13.48	10.72	32.0	W
	13.03	10.76	33.1	W
	13.64	10.80	32.8	W
2289	4.64	26.11	55.6	W
	4.66	26.14	54.6	W
	5.52	26.10	55.3	W
	5.58	26.08	54.9	O
	5.59	26.05	55.5	O
	5.61	26.00	55.0	O
2290	2.55	5.73	48.0	O
	2.55	5.71	47.1	O
	4.54	5.72	46.5	W
	4.55	5.74	47.3	W
	4.56	5.77	47.8	W
	4.59	5.79	48.1	W
	4.60	5.73	47.5	W
	4.63	5.72	47.2	W
2291	5.57	35h93	43°9	W
	5.58	35.90	44.9	W
	5.58	35.91	44.4	W
	13.37	35.81	45.1	W
	13.50	35.88	44.6	O
	13.53	35.91	44.0	O
2292	12.63	18.61	16.4	O
	13.37	18.63	16.8	W
	13.40	18.61	16.3	W
	13.40	18.61	17.0	W
	13.50	18.72	17.3	O
	13.59	18.63	16.9	O
2293	5.58	28.50	46.3	W
	12.04	28.58	47.5	O
	13.44	28.53	48.8	W
	13.46	28.60	48.3	W
	13.51	28.54	47.3	O
	13.51	28.55	47.6	O
2294	4.64	30.45	15.5	W
	4.64	30.49	15.8	W
	4.66	30.47	15.4	W
	5.00	30.43	16.6	O
	5.01	30.41	15.0	O
	13.50	30.36	16.5	O
2295	4.60	36.89	39.7	W
	4.60	36.84	38.3	W
	4.60	36.90	38.3	W
	4.62	36.82	33.4	W
	5.58	36.85	38.6	O
	5.59	36.84	38.9	O
	5.60	36.85	38.7	O
2296	5.57	29.11	24.1	W
	5.58	29.05	25.5	W
	5.58	29.01	24.5	W
	12.66	29.05	25.8	O
	13.50	29.06	24.8	O
	13.51	29.03	25.3	O
2297	2.55	40.98	17.8	O
	2.55	41.01	16.8	O
	4.54	40.94	17.1	W
	4.54	40.96	17.4	W
	4.55	40.97	16.5	W
	4.56	41.05	17.5	W
	4.59	40.99	18.0	W
	4.60	40.94	15.0	W
	4.63	40.98	16.5	W
	4.64	41.01	15.5	W
2298	5.58	7h58	53.8	W
	7.52	7.44	54.1	W
	12.50	7.41	53.0	O
	12.61	7.41	53.8	O
	12.64	7.43	53.3	O
	13.37	7.48	53.3	W
2299	5.57	15h89	13°9	W
	5.58	15.93	14.8	W
	5.58	15.57	(12.2)	W
	12.03	15.53	14.9	O
	12.63	15.49	14.2	O
	12.64	15.58	14.8	O
	13.37	15.55	14.3	W
2300	4.60	16.54	24.0	W
	4.60	16.54	24.8	W
	4.60	16.53	23.9	W
	4.62	16.60	24.9	W
	4.66	16.52	25.5	W
	5.58	16.54	24.1	O
	5.60	16.42	23.6	O
	5.60	16.52	24.1	O
	5.64	16.48	24.1	O
2301	4.54	21.69	22.2	W
	4.59	21.58	(24.8)	W
	4.63	21.72	21.0	W
	4.64	21.69	22.7	W
	5.60	21.67	21.2	O
2302	12.60	38.84	11.3	O
	12.60	38.52	10.2	O
	12.61	38.60	12.1	O
	12.66	38.55	12.3	O
	13.41	38.53	10.2	W
	13.42	38.53	10.1	W
	13.45	38.05	10.9	W
2303	13.45	54.74	15.0	W
	13.45	54.69	15.5	W
	13.48	54.75	15.0	W
	13.50	54.75	15.1	O
	13.50	54.75	15.4	O
	13.51	54.74	15.7	O
2304	5.61	8.27	46.5	O
	7.52	8.23	44.8	W
	7.52	8.22	46.0	W
	12.03	8.35	47.4	O
	12.63	8.28	47.5	O
	13.37	8.25	46.5	W
2305	2.55	31.19	19.2	O
	2.55	31.10	18.5	O
	4.64	31.17	19.0	W
	4.64	31.23	18.8	W
	4.66	31.15	18.8	W
	5.58	31.16	18.7	O
2306	5.58	40.55	13.6	W
	12.60	40.56	13.7	O
	12.64	40.61	14.1	O
	12.64	40.50	14.3	O
	13.37	40.62	14.2	W
	13.45	40.59	14.2	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2307	4.60	45°07	53°8	W
	4.60	44.99	53.6	W
	4.60	45.00	53.6	W
	4.62	45.04	53.0	W
	5.52	45.03	52.8	W
	13.44	44.86	53.7	W
2308	5.67	52.84	45.6	W
	13.45	52.83	45.5	W
	13.47	52.77	45.6	W
	13.50	52.80	44.4	O
	13.51	52.88	43.7	O
	13.52	52.80	44.9	O
2309	5.59	55.12	45.0	O
	5.60	55.14	45.7	O
	5.60	55.14	45.4	O
	13.42	55.14	47.2	W
	13.49	55.06	45.5	W
	13.49	55.16	47.2	W
2310	5.57	59.09	22.9	W
	5.58	59.08	23.2	W
	5.58	59.05	22.9	W
	12.66	59.05	23.5	O
	13.51	59.05	23.0	O
	13.52	59.07	23.3	O
2311	4.66	25.61	52.5	W
	4.64	25.57	54.9	W
	4.66	25.62	52.4	W
	5.61	25.57	53.0	O
	13.55	25.59	53.0	O
	13.56	25.62	53.4	O
2312	4.54	4.66	47.4	W
	4.55	4.09	46.4	W
	4.59	4.09	45.8	W
	4.63	4.03	45.2	W
	13.53	4.04	45.7	O
	13.58	3.97	46.3	O
2313	13.41	13.79	40.8	W
	13.45	13.79	41.1	W
	13.48	13.75	41.1	W
	13.50	13.75	42.2	O
	13.50	13.81	41.8	O
	13.51	13.78	41.3	O
2314	12.64	18.56	11.0	O
	13.46	18.52	11.0	W
	13.47	18.47	10.2	W
	13.49	18.46	10.7	W
	13.51	18.42	9.4	O
	13.52	18.50	9.5	O
2315	5.61	33°04	36°1	O
	13.42	33.02	35.9	W
	13.42	33.03	35.4	W
	13.50	33.09	35.9	O
	13.51	33.11	35.9	O
	13.63	33.10	35.6	W
2316	4.60	42.10	35.4	W
	4.60	42.14	36.0	W
	4.60	42.15	36.6	W
	5.52	42.10	35.9	W
	5.58	42.14	35.2	O
	5.60	42.16	(33.9)	O
2317	4.64	46.70	33.9	W
	4.66	46.68	34.6	W
	5.67	46.62	34.5	W
	13.44	46.54	34.4	W
	13.52	46.64	34.8	O
	13.55	46.63	35.6	O
2318	5.58	8.05	34.2	W
	5.63	7.93	35.0	O
	7.52	7.92	34.8	W
	7.52	8.05	33.0	W
	13.37	8.07	33.8	W
	13.56	8.04	35.7	O
2319	12.61	7.99	23.5	O
	12.64	8.02	24.6	O
	12.66	7.98	22.9	O
	13.37	8.02	22.3	W
	13.45	8.11	23.4	W
	13.45	7.98	22.3	W
2320	12.63	12.54	47.8	O
	12.63	12.53	47.8	O
	13.41	12.57	48.0	W
	13.53	12.59	47.5	O
	13.63	12.60	47.2	W
	13.63	12.58	48.1	W
2321	13.46	32.04	4.6	W
	13.50	33.05	3.9	O
	13.50	33.08	3.4	O
	13.51	33.03	3.4	O
	13.64	33.02	3.9	W
	13.66	32.98	3.2	W
2322	13.45	52.98	56.0	W
	13.48	52.99	56.4	W
	13.51	52.99	54.8	O
	13.52	53.03	55.8	O
	13.59	53.00	54.5	O
	13.66	53.02	56.5	W
2323	13.44	11°07	57°6	W
	13.46	11.14	59.6	W
	13.47	11.13	58.5	W
	13.50	11.06	58.3	O
	13.51	11.14	57.5	O
	13.52	11.16	57.6	O
2324	5.61	39.71	55.4	O
	5.63	39.59	55.2	O
	7.52	39.58	53.3	W
	12.63	39.56	53.6	O
	13.42	39.43	54.9	W
	13.45	39.53	55.6	W
2325	4.54	54.74	41.4	W
	4.55	54.76	40.5	W
	4.56	54.66	39.8	W
	4.59	54.81	42.2	W
	5.00	54.75	39.5	O
	13.55	54.62	40.2	O
2326	13.45	39.49	53.3	W
	13.49	39.42	53.1	W
	13.50	39.48	52.1	O
	13.53	39.50	50.8	O
	13.59	39.48	51.9	O
	13.63	39.38	53.1	W
2327	13.41	28.46	13.8	W
	13.51	28.53	14.4	O
	13.52	28.41	14.0	O
	13.60	28.40	13.5	O
	13.63	28.42	14.5	W
	13.66	28.41	14.4	W
2328	4.64	39.67	29.8	W
	4.66	39.64	29.0	W
	5.57	39.64	28.8	W
	5.59	39.63	27.7	O
	5.60	39.66	29.3	O
	5.61	39.69	29.2	O
2329	5.58	2.17	22.3	W
	5.58	2.12	21.9	W
	5.61	2.14	22.8	O
	5.02	2.11	22.8	O
	5.63	2.12	22.6	O
	7.52	2.17	23.4	W
2330	7.52	26.05	9.0	W
	12.60	26.13	10.1	O
	12.61	26.05	9.7	O
	12.63	26.10	9.9	O
	13.37	26.09	10.0	W
	13.42	26.11	8.9	W
2331	4.60	37°28	25°0	W
	4.60	37.31	26.5	W
	4.60	37.29	25.9	W
	4.64	37.28	27.1	W
	4.66	37.28	26.4	W
	4.71	37.28	24.8	O
2332	5.65	40.14	13.4	W
	5.67	40.21	14.5	W
	5.71	40.18	14.4	W
	12.63	40.14	15.6	O
	12.64	40.24	14.7	O
	12.66	40.20	15.6	O
2333	12.64	25.27	18.7	O
	13.45	25.23	21.8	W
	13.48	25.22	20.0	W
	13.49	25.21	20.7	W
	13.50	25.23	19.7	O
	13.51	25.25	—	O
	13.60	25.16	18.4	O
2335	7.52	59.70	21.9	W
	12.61	59.82	22.6	O
	12.63	59.75	23.0	O
	12.66	59.81	21.3	O
	13.45	59.79	22.0	W
	13.46	59.77	21.1	W
2336	2.56	16.78	51.5	O
	2.57	16.82	51.6	O
	13.51	16.68	51.0	O
	13.63	16.68	52.4	W
	13.64	16.72	51.4	W
	13.66	16.71	52.3	W
2337	4.64	32.39	25.8	W
	4.66	32.41	24.4	W
	13.45	32.39	25.9	W
	13.50	32.39	25.6	O
	13.51	32.40	26.2	O
	13.52	32.36	24.6	O
2338	7.52	33.86	41.5	W
	12.60	33.85	42.7	O
	13.41	33.87	41.6	W
	13.42	33.83	42.4	W
	13.50	33.83	42.0	O
	13.51	33.81	41.4	O
2339	5.58	53.73	41.2	W
	5.58	53.72	40.5	W
	5.58	—	42.8	W
	5.61	53.75	40.6	O
	5.61	53.71	41.4	O
	5.62	53.73	42.2	O
	5.63	53.77	42.2	O
	12.60	53.72	—	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2340	7.52	23ʰ03ᵐ	59°9′	O
	12.60	23.05	57.8	O
	12.01	23.00	58.2	O
	12.03	23.01	58.7	O
	13.42	23.01	58.1	W
	13.44	23.00	57.6	W
2341	12.63	33.53	60.2	O
	12.04	33.03	60.3	O
	12.06	33.54	59.5	O
	13.41	33.57	58.3	W
	13.03	33.53	59.1	W
	13.63	33.52	58.2	W
2342	2.56	7.22	44.7	O
	2.56	7.17	43.9	O
	4.54	7.19	44.5	W
	4.55	7.17	45.8	W
	4.59	7.14	44.4	W
	4.63	7.19	45.5	W
2343	4.60	22.08	17.7	W
	4.60	22.09	19.4	W
	4.60	22.04	18.8	W
	4.04	22.04	18.7	W
	4.04	22.04	19.8	W
	5.60	22.04	19.0	O
2344	4.66	23.24	28.5	W
	5.57	23.22	27.9	W
	5.60	23.30	27.4	O
	5.61	23.18	28.1	O
	5.65	23.22	27.6	W
	13.51	23.28	28.4	O
2345	13.42	33.20	45.8	W
	13.45	33.37	43.7	W
	13.45	33.30	45.6	W
	13.56	33.25	45.1	O
	13.61	33.23	45.9	O
	13.62	33.31	46.5	O
2346	12.60	44.34	55.0	O
	12.61	44.39	55.1	O
	12.63	44.30	54.7	O
	13.45	44.34	54.6	W
	13.48	44.33	54.0	W
2347	12.63	50.27	23.9	O
	12.04	50.26	23.7	O
	12.06	50.24	23.3	O
	13.46	50.18	22.5	W
	13.47	50.20	23.6	W
	13.63	50.23	22.6	W
2348	13.49	56.04	36.8	W
	13.50	56.02	35.2	O
	13.55	56.59	34.8	O
	13.58	56.06	34.8	O
	13.64	56.59	35.9	W
	13.66	56.57	36.0	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2350	5.67	1ʰ82	48′4	W
	5.71	1.81	48.3	W
	13.42	1.84	47.4	W
	13.59	1.94	48.2	O
	13.60	1.90	47.8	O
	13.61	1.83	47.9	O
2351	4.64	25.36	12.7	W
	13.50	25.31	11.4	O
	13.50	25.32	11.3	O
	13.52	25.36	12.5	O
	13.66	25.29	11.3	W
	13.67	25.27	11.0	W
2352	13.41	27.09	11.4	W
	13.45	26.94	12.1	W
	13.46	26.97	12.0	W
	13.51	26.93	10.8	O
	13.52	26.91	11.3	O
	13.56	26.91	11.7	O
2353	13.45	37.80	16.3	W
	13.55	37.79	15.2	O
	13.61	37.83	15.0	O
	13.62	37.81	14.7	O
	13.63	37.79	16.2	W
	13.63	37.81	14.6	W
2354	13.45	53.24	27.2	W
	13.47	53.18	27.1	W
	13.48	53.22	27.7	W
	13.50	53.18	27.3	O
	13.51	53.27	27.0	O
	13.58	53.24	26.3	O
2355	4.66	54.80	32.2	W
	13.46	54.75	33.0	W
	13.59	54.63	32.6	O
	13.60	54.72	32.8	O
	13.61	54.72	32.3	O
	13.63	54.73	32.7	O
2356	13.42	57.23	32.0	W
	13.44	57.21	32.6	W
	13.50	57.26	32.8	O
	13.51	57.25	31.8	O
	13.52	57.19	31.4	O
	13.66	57.21	32.7	W
2357	13.49	57.64	23.0	W
	13.50	57.75	23.4	O
	13.51	57.73	24.8	O
	13.52	57.66	23.0	O
	13.64	57.69	23.6	W
	13.66	57.65	23.0	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2358	4.54	33ʰ54	12″3	W
	4.59	33.55	13.3	W
	4.60	33.51	11.8	W
	4.60	33.52	11.8	W
	4.62	33.45	12.9	W
	4.63	33.57	13.3	W
	5.60	33.53	12.3	O
	5.61	33.46	11.0	O
2359	5.61	45.90	30.3	O
	5.63	45.93	30.7	O
	12.41	45.90	29.3	W
	12.45	45.91	28.5	W
	13.46	45.85	29.0	W
	13.51	45.87	31.3	O
2360	5.61	46.05	49.3	O
	5.61	46.04	48.4	O
	13.51	45.89	49.9	O
	13.63	45.98	49.6	W
	13.03	45.95	49.5	W
2361	5.57	30.20	59.4	W
	5.58	30.16	58.6	W
	5.58	30.12	58.8	W
	5.62	30.08	59.4	O
	12.63	30.10	59.3	O
	13.50	30.02	59.6	O
2362	5.58	—	48.1	W
	12.60	48.51	51.0	O
	12.66	48.54	51.1	O
	13.45	48.53	50.6	W
	13.48	48.57	51.2	W
	13.52	48.51	50.0	O
2363	5.71	56.07	14.3	W
	12.61	56.75	13.3	O
	13.46	56.62	12.5	W
	13.47	56.60	13.7	W
	13.50	—	13.7	O
	13.52	56.66	13.0	O
	13.56	56.71	12.9	O
2364	4.60	3.41	31.3	W
	4.60	3.36	30.9	W
	4.63	3.35	31.2	W
	4.64	3.36	31.1	W
	4.64	3.34	32.4	W
	4.66	3.33	31.0	W
	4.69	3.39	31.7	W
	5.60	3.35	31.4	O
	5.61	3.38	31.1	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2365	2.56	11ʰ01	22″3	O
	2.57	11.04	22.5	O
	4.54	11.09	25.2	W
	4.55	11.05	24.6	W
	4.59	11.06	23.9	W
	4.63	11.09	23.9	W
	4.79	11.07	24.2	O
	4.71	11.07	25.7	O
2366	13.49	20.07	22.7	W
	13.55	20.04	23.3	O
	13.59	20.02	23.4	O
	13.60	20.06	23.6	O
	13.63	20.02	24.6	W
	13.64	20.00	24.2	W
2367	13.44	23.12	—	W
	13.61	23.22	—	O
	13.61	23.20	—	O
2368	13.42	28.10	4.5	W
	13.44	28.15	5.0	W
	13.45	28.17	5.8	W
	13.59	28.13	5.3	O
	13.61	28.14	4.8	O
	13.61	28.15	5.3	O
2369	5.61	59.18	41.1	O
	5.61	59.21	41.4	O
	12.61	59.26	41.0	O
	13.49	59.24	41.2	W
	13.66	59.22	41.5	W
	13.66	59.18	41.5	W
2370	5.58	25.60	4.8	W
	5.58	25.60	5.7	W
	5.61	25.58	6.8	O
	5.63	25.60	7.7	O
	12.63	25.48	6.6	O
	13.45	25.55	5.4	W
2371	2.56	24.16	60.5	O
	4.55	24.16	59.5	W
	4.55	24.21	60.8	W
	4.59	25.21	59.9	W
	4.63	24.11	60.0	W
	4.70	24.17	(62.3)	O
	4.71	24.14	59.9	O
	13.42	24.15	59.9	W
2372	5.58	33.23	55.9	W
	5.61	33.17	57.2	O
	5.61	33.20	57.2	O
	5.61	33.18	56.8	O
	7.52	33.21	56.6	W
	13.42	33.26	56.4	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2373	4.60	40h01	50°8	W
	4.62	40.78	50.6	W
	5.57	40.69	50.3	W
	5.58	40.69	51.0	W
	5.61	40.63	49.4	O
	12.60	40.72	51.6	O
	12.61	40.68	50.4	O
	12.61	40.67	50.7	O
2374	5.62	52.22	24.8	O
	5.63	52.15	24.9	O
	12.63	52.11	25.8	O
	13.44	52.15	25.0	W
	13.45	52.17	25.1	W
	13.45	52.23	25.3	W
2375	5.65	1.01	37.6	W
	5.67	0.98	38.6	W
	5.71	1.03	37.7	W
	12.63	0.94	37.8	O
	12.64	0.90	38.9	O
	12.66	0.96	38.3	O
2376	4.64	7.15	57.6	W
	4.64	7.18	59.4	W
	4.66	7.16	58.5	W
	4.69	7.17	58.8	W
	13.50	7.13	57.7	O
	13.50	7.08	58.2	O
2377	4.60	53.59	39.5	W
	4.64	53.51	39.9	W
	4.66	53.62	40.2	W
	4.69	53.48	40.6	W
	4.70	53.55	41.1	O
	4.71	53.57	40.0	O
	5.61	53.51	40.8	O
2378	12.60	2.62	53.0	O
	12.60	2.67	52.4	O
	13.42	2.66	52.3	W
	13.45	2.70	52.2	W
	13.48	2.62	52.3	W
	13.51	2.64	52.3	O
2379	13.42	13.92	25.5	W
	13.46	13.92	25.8	W
	13.47	13.88	25.2	W
	13.51	13.86	26.9	O
	13.51	13.87	26.0	O
	13.52	13.84	25.6	O
2380	12.61	27.80	39.7	O
	12.64	27.90	39.4	O
	12.66	27.91	39.8	O
	13.44	27.89	39.4	W
	13.49	27.88	40.2	W
	13.63	27.91	40.0	W
2381	12.63	47h04	59°8	O
	13.45	47.05	58.5	W
	13.50	47.02	58.9	O
	13.55	47.05	59.6	O
	13.63	47.06	59.5	W
	13.63	46.97	59.0	W
2382	5.61	56.56	13.5	O
	5.62	56.47	14.3	O
	7.52	56.56	13.8	W
	13.45	56.49	14.3	W
	13.46	56.55	13.1	W
	13.50	56.50	14.2	O
2383	2.50	56.40	55.7	O
	4.54	56.35	57.0	W
	4.55	56.39	57.1	W
	4.60	56.38	55.7	W
	4.62	56.47	56.4	W
	4.63	56.39	57.5	W
	4.63	56.30	57.4	W
	4.64	56.38	56.9	W
	4.66	56.41	56.4	W
	4.69	56.36	57.0	W
	4.70	56.35	55.9	O
	4.71	56.39	56.4	O
2384	5.57	7.88	9.1	W
	5.58	7.71	9.1	W
	5.58	7.72	8.8	W
	5.58	7.62	10.4	O
	5.61	7.74	9.4	O
	5.61	7.75	10.1	O
	5.63	7.69	9.9	O
2385	5.62	47.04	17.3	O
	5.65	47.09	15.7	W
	12.61	47.01	16.1	O
	13.42	47.01	15.8	W
	13.42	47.07	15.6	W
	13.50	46.97	16.7	O
2386	5.61	59.37	19.9	O
	5.61	59.36	18.5	O
	5.61	59.35	17.4	O
	7.52	59.37	19.8	W
	12.60	59.35	18.6	O
	13.46	59.32	18.3	W
2387	4.64	27.07	18.6	W
	4.66	27.12	19.6	W
	4.69	27.10	18.4	W
	4.70	27.07	18.9	O
	4.71	27.09	20.5	O
	5.61	27.13	18.7	O
2388	4.54	20h50	2°9	W
	4.55	20.52	3.4	W
	4.59	20.54	3.9	W
	4.63	20.54	4.1	W
	4.70	20.51	4.9	O
	4.71	20.52	4.5	O
2389	5.62	48.36	2.5	O
	5.63	48.31	1.4	O
	12.63	48.30	1.1	O
	13.45	48.25	1.8	W
	13.45	48.21	1.5	W
	13.45	48.25	1.7	W
2390	12.61	22.86	20.7	O
	12.64	22.83	21.7	O
	12.66	22.82	21.5	O
	13.42	22.97	21.4	W
	13.44	22.93	22.6	W
	13.47	22.88	21.4	W
2391	5.61	30.42	22.9	O
	5.61	30.50	23.6	O
	5.61	30.39	22.6	O
	13.46	30.39	23.3	W
	13.63	30.39	23.5	W
	13.63	30.37	22.8	W
2392	7.52	31.57	45.8	W
	13.48	31.56	45.5	W
	13.50	31.64	46.2	O
	13.51	31.59	46.5	O
	13.51	31.60	45.9	O
	13.63	31.62	45.0	W
2393	4.64	33.00	56.4	W
	4.66	33.03	56.0	W
	4.69	32.97	55.1	W
	4.70	33.06	55.6	O
	4.71	33.06	56.3	O
	5.62	32.99	56.2	O
2394	12.61	25.69	50.3	O
	13.42	25.57	50.8	W
	13.45	25.54	50.5	W
	13.50	25.60	52.0	O
	13.52	25.54	51.3	O
	13.64	25.54	52.0	W
2395	12.63	1.78	32.0	O
	13.45	1.66	30.0	W
	13.45	1.66	31.2	W
	13.51	1.73	30.8	O
	13.52	1.71	31.8	O
	13.63	1.67	31.2	W
2396	2.56	6h68	47°2	O
	2.57	6.68	48.2	O
	4.54	6.77	46.9	W
	4.55	6.73	47.3	W
	4.60	6.74	48.3	W
	4.63	6.65	48.5	W
	4.64	6.68	47.7	W
	4.66	6.69	48.2	W
	4.69	6.66	47.1	W
	4.70	6.68	47.1	O
	4.71	6.64	46.1	O
	4.71	6.71	47.5	O
2397	5.62	25.58	17.1	O
	5.63	25.55	17.3	O
	8.82	25.59	15.7	W
	13.42	25.48	16.0	W
	13.44	25.56	16.3	W
	13.50	25.52	16.9	O
2398	5.57	16.57	49.9	W
	5.58	16.54	50.2	W
	5.58	16.51	49.4	W
	5.58	16.56	51.3	O
	5.59	16.47	51.4	O
	5.60	16.53	51.9	O
2399	5.60	30.99	11.1	O
	5.61	31.01	12.1	O
	5.61	30.98	12.5	O
	5.65	31.06	10.6	W
	7.52	31.04	11.0	W
	8.82	31.03	11.0	W
2400	4.60	35.55	32.1	W
	4.64	35.53	31.6	W
	4.64	35.52	32.5	W
	4.66	35.49	32.7	W
	4.69	35.52	33.7	W
	4.70	35.55	31.7	O
	4.71	35.52	30.2	O
	4.71	35.47	30.5	O
2401	5.61	4.37	20.7	O
	5.62	4.36	21.9	O
	5.62	4.36	22.0	O
	13.42	4.38	20.6	W
	13.44	4.37	21.2	W
	13.45	4.34	19.7	W
2402	2.55	39.42	41.7	O
	2.55	39.38	42.9	O
	2.56	39.35	42.4	O
	4.54	39.46	42.7	W
	4.55	39.42	41.7	W
	4.59	39.37	42.0	W
	4.63	39.41	42.6	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.	No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2403	5.58	41ᵐ29	6″6	W	2411	5.60	6ᵐ01	37″6	O	2419	5.58	12ᵐ09	27″9	W	2428	12.66	47ᵐ21	43″7	O
	5.61	41.32	7.3	O		5.61	5.99	37.3	O		5.59	12.08	27.9	O		13.45	47.18	44.1	W
						5.61	6.07	37.2	O		5.59	12.10	27.7	O		13.52	47.13	44.9	O
2404	2.57	46.13	60.8	O		5.62	6.01	37.4	O		5.60	12.13	28.0	O		13.52	47.13	44.5	O
	4.64	46.11	58.5	W		7.52	6.00	36.1	W		5.65	12.16	28.5	W		13.64	47.10	43.5	W
	4.66	46.15	(57.0)	W		8.82	6.01	35.9	W		5.67	12.17	28.1	W		13.67	47.17	44.2	W
	4.69	46.19	58.6	W							5.71	12.12	27.7	W					
	4.70	46.21	60.2	O	2412	2.57	43.16	55.3	O	2420	2.56	36.22	16.9	O	2429	13.50	59.69	13.7	O
	4.71	46.09	60.0	O		4.70	43.17	56.8	O		2.57	36.19	17.1	O		13.51	59.73	12.9	O
	4.71	46.14	60.5	O		4.71	43.17	57.5	O		4.70	36.23	18.1	O		13.51	59.74	14.0	O
						4.71	43.19	55.9	O		4.71	36.23	17.0	O		13.63	59.77	13.3	W
2405	4.60	58.64	6.8	W		5.57	43.08	55.5	W		13.44	36.12	15.6	W		13.66	59.70	11.1	W
	4.66	58.63	7.2	W		5.58	43.15	55.3	W		13.45	36.18	15.4	W		13.66	59.74	12.4	W
	4.69	58.65	7.3	W		5.58	43.14	55.2	W							13.68	59.75	11.0	W
	4.70	58.61	5.3	O						2421	4.60	—	42.7	W					
	4.71	58.64	6.8	O							4.72	42.11	43.0	O	2430	2.56	2.47	29.2	O
	4.71	58.66	6.2	O	2413	5.58	18.78	16.0	W		5.60	42.16	42.3	O		2.57	2.56	30.0	O
						5.58	18.77	16.3	O		5.61	42.07	42.7	O		4.70	2.47	29.1	O
2406	5.62	0.53	43.4	O		5.59	18.77	16.4	O		13.45	41.98	43.8	W		4.71	2.49	30.1	O
	5.63	0.58	43.0	O		5.60	18.78	16.9	O		13.46	42.04	42.9	W		4.71	2.41	29.7	O
	5.65	0.57	42.6	W		5.61	18.82	16.5	O		13.47	41.94	43.9	W		5.71	2.44	28.9	W
	7.52	0.57	42.7	W		13.42	18.83	16.4	W										
	8.85	0.52	43.0	W						2422	5.62	38.05	11.6	O	2431	4.62	25.29	37.8	W
	12.61	0.47	42.8	O	2414	5.60	24.33	27.7	O		12.60	38.00	12.1	O		4.66	25.31	36.7	W
						5.61	24.35	27.0	O		12.63	38.00	11.2	O		4.69	25.28	36.7	W
2407	2.57	0.23	9.2	O		5.61	24.37	26.9	O		13.45	37.97	12.9	W		4.72	25.35	37.4	O
	4.60	0.23	9.6	W		5.65	24.32	27.1	W		13.63	38.00	12.6	W		5.60	25.28	38.0	O
	4.64	0.24	10.1	W		8.82	24.39	26.9	W		13.63	37.95	12.2	W		5.62	25.27	37.3	O
	4.64	0.24	9.1	W		13.42	24.48	27.3	W										
	4.66	0.22	9.0	W						2423	12.61	14.23	45.2	O	2432	5.58	33.01	17.3	O
	4.69	0.26	7.8	W	2415	2.55	30.54	49.5	O		12.63	14.14	46.3	O		5.59	33.07	18.3	O
	4.70	0.24	8.9	O		2.55	30.49	50.3	O		12.64	14.16	45.1	O		5.60	33.01	18.1	O
	4.71	0.21	9.8	O		2.56	30.53	50.3	O		13.42	14.16	45.0	W		5.67	33.02	19.0	W
	4.71	0.23	10.7	O		4.54	30.44	51.5	W		13.42	14.13	45.9	W		13.42	33.05	18.8	W
						4.55	30.49	50.5	W		13.63	14.18	45.2	W		13.44	33.02	18.6	W
2408	5.58	20.89	38.2	W		4.59	30.49	49.8	W	2424	12.66	17.92	58.1	O	2433	5.58	32.56	47.8	W
	5.58	20.88	39.0	W		4.60	30.48	50.5	W		13.45	17.90	57.9	W		5.61	32.54	47.1	O
	5.58	20.81	38.8	W		4.63	30.54	50.6	W		13.50	17.87	58.2	O		5.61	32.49	47.5	O
	5.58	20.87	38.9	O		4.70	30.48	50.0	O		13.50	17.92	58.2	O		5.61	32.59	47.2	O
	5.59	20.81	39.4	O		4.71	30.47	51.1	O		13.64	17.88	57.3	W		13.45	32.53	47.0	W
	5.60	20.87	39.0	O		4.71	30.55	49.4	O		13.66	17.91	58.2	W		13.67	32.67	47.9	W
2409	2.55	52.15	50.5	O	2416	5.61	48.07	54.3	O	2426	13.44	42.39	25.6	W	2434	5.62	9.05	38.1	O
	2.55	52.16	51.3	O		5.61	48.10	53.9	O		13.51	42.36	27.5	O		5.63	9.02	38.3	O
	2.56	52.17	51.1	O		5.62	48.04	54.9	O		13.51	42.35	27.4	O		5.63	9.06	38.6	O
	4.55	52.11	50.1	W		5.71	48.06	54.3	W		13.52	42.35	27.2	O		13.45	9.04	38.9	W
	4.59	52.12	48.6:	W		7.52	48.09	54.5	W		13.63	42.28	25.3	W		13.45	9.04	40.6:	W
	4.71	52.12	50.9	W		13.44	47.99	53.6	W		13.66	42.43	25.3	W		13.63	9.00	39.2	W
	5.57	52.12	49.6	W							13.68	42.43	25.9	W					
2410	4.60	48.31	4.1	W	2418	4.60	—	40.5	W	2427	12.63	46.32	39.1	O	2435	2.55	25.01	8.6	O
	4.70	48.29	4.8	O		4.70	20.93	38.6	O		12.63	46.27	38.6	O		2.55	25.00	9.2	O
	4.71	48.33	(7.0)	O		4.71	20.98	38.9	O		12.64	46.27	37.8	O		2.56	24.96	8.2	O
	4.71	48.38	4.4	O		4.71	20.96	39.0	O		13.42	46.31	37.9	W		4.66	24.92	6.9	W
	5.65	48.36	4.2	W		4.72	20.95	39.0	O		13.45	46.30	38.2	W		4.69	24.94	8.3	W
	5.67	48.32	4.3	W		5.57	21.01	39.0	W		13.63	46.27	37.6	W		5.57	24.99	8.1	W
	5.71	48.37	4.7	W		5.58	21.00	39.5	W		13.63	46.25	38.3	W		5.59	24.93	8.4	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2436	11.85	32ʰ06ᵐ	—	W
	12.00	32.84	16°1	O
	13.46	32.80	16.7	W
	13.80	32.80	16.4	O
	13.81	32.72	16.1	O
	13.93	32.82	16.0	W
2437	11.81	33.00	57.2	W
	11.85	33.87	58.3	W
	11.88	33.89	58.7	W
	12.00	33.98	57.6	O
	12.81	33.98	57.8	O
	12.94	33.87	57.9	O
	13.47	33.93	57.1	W
2438	2.87	50.11	59.1	O
	4.70	50.05	60.1	O
	4.71	50.09	59.6	O
	4.72	50.04	59.6	O
	4.73	50.09	60.2	O
	8.80	50.13	60.8	W
	8.88	50.20	59.9	W
2439	2.85	1.34	35.1	O
	2.89	1.38	36.1	O
	5.05	1.35	34.3	W
	5.07	1.34	34.4	W
	5.71	1.36	34.4	W
	13.42	1.41	33.7	O
2440	4.62	17.11	57.9	W
	4.66	17.08	57.9	W
	4.69	17.09	57.8	W
	4.70	17.10	58.1	O
	4.71	17.07	58.0	O
	5.71	17.08	58.1	O
2441	4.72	41.77	7.2	O
	5.87	41.79	8.4	W
	6.00	41.78	6.6	O
	5.01	41.78	7.8	O
	13.41	41.76	8.1	W
	13.45	41.76	8.4	W
2442	5.58	44.79	36.4	W
	5.64	44.81	38.8	O
	5.64	44.83	38.4	O
	5.01	44.77	37.9	O
	8.82	44.77	39.7	W
	13.03	44.85	39.0	W
2443	5.63	21.57	8.1	O
	12.61	21.60	8.3	O
	12.63	21.65	7.4	O
	13.42	21.59	7.7	W
	13.45	21.61	8.0	W
	13.47	21.59	7.7	W
2444	5.62	21.09	12°3	O
	5.62	21.88	12.1	O
	5.62	21.04	12.2	O
	13.45	21.04	11.5	W
	13.63	21.09	12.1	W
	13.63	21.88	11.6	W
	13.64	21.90	11.2	W
2445	12.64	3.99	45.6	O
	12.66	4.06	44.8	O
	13.45	3.95	43.1	W
	13.45	3.96	43.9	W
	13.64	3.99	45.0	O
	13.69	3.90	43.7	W
2446	2.57	2.12	25.9	O
	4.66	2.15	25.1	W
	4.69	2.17	27.4	W
	4.70	2.17	25.7	O
	4.71	2.18	26.2	O
	4.71	2.19	27.0	O
2447	4.73	7.03	4.7	O
	5.52	7.16	4.7	W
	5.58	7.12	3.0	O
	5.59	7.15	3.0	O
	5.68	7.11	3.6	W
	5.67	7.14	3.6	W
	5.71	7.19	3.7	W
2448	2.58	9.38	32.6	O
	2.58	9.40	32.6	O
	2.59	9.37	32.0	O
	4.69	9.40	31.7	W
	4.73	9.38	32.1	O
	5.58	9.45	32.0	W
2449	5.57	12.85	26.0	W
	5.59	12.90	25.2	O
	5.60	12.90	25.4	O
	5.60	12.91	25.1	O
	13.63	12.95	25.8	W
	13.63	12.94	25.7	W
2450	5.58	34.80	17.9	W
	5.61	34.79	18.1	O
	5.62	34.71	17.4	O
	5.01	34.78	17.8	O
	5.61	34.78	—	O
	8.82	34.73	15.8	W
	11.84	34.76	16.9	W
	11.85	34.72	18.4	W
	11.85	34.74	17.0	W
2451	5.61	16.85	9.1	O
	5.62	16.81	9.8	O
	5.62	16.82	9.1	O
	13.42	16.84	9.7	W
	13.45	16.83	10.0	W
	13.47	16.77	9.7	W
2452	5.62	51°20	12°5	O
	5.63	51.24	12.9	O
	12.61	51.28	12.9	O
	13.63	51.21	13.6	W
	13.63	51.18	13.2	W
	13.64	51.18	13.7	W
	13.64	51.20	13.0	W
2453	5.61	50.83	55.5	O
	5.61	50.86	56.2	O
	5.62	50.81	54.9	O
	5.62	50.85	55.3	O
	13.42	50.80	54.1	W
	13.45	50.81	55.9	W
2454	5.58	21.76	49.6	W
	5.62	21.74	48.2	O
	5.62	21.77	48.4	O
	5.62	21.78	49.0	O
	5.71	21.80	47.8	W
	13.41	21.74	48.8	W
	13.45	21.78	49.0	W
2455	2.87	39.81	16.1	W
	4.62	39.84	14.4	W
	4.66	39.81	14.9	W
	4.69	39.82	15.0	W
	4.70	39.79	15.5	O
	4.71	39.82	15.3	O
	4.71	39.85	15.2	O
	11.85	39.84	17.2	W
2456	5.61	47.45	7.0	O
	5.61	47.40	7.2	O
	8.82	47.47	7.1	W
	11.84	47.44	7.2	W
	11.85	47.48	7.8	W
	12.61	47.47	8.5	O
2459	4.66	58ʰ23	24°0	W
	4.69	58.28	24.1	W
	4.70	58.24	24.0	O
	4.71	58.25	24.5	O
	4.71	58.23	24.7	O
	5.67	58.29	25.0	W
	5.71	58.18	23.6	W
2460	5.61	15.44	22.2	O
	5.61	15.41	22.7	O
	5.61	—	22.1	O
	11.86	15.42	23.0	W
	12.44	15.41	24.2	W
2461	5.62	31.48	59.0	O
	5.62	31.52	57.7	O
	5.63	31.51	59.4	O
	8.82	31.51	58.1	W
2462	2.57	23.69	48.8	O
	4.64	23.47	49.2	W
	13.45	23.49	49.0	W
	4.70	23.60	48.4	O
	4.71	23.66	47.9	O
	4.71	23.58	49.8	O
	4.73	23.62	47.9	O
	5.58	23.62	49.4	W
2463	4.62	43.94	4.5	W
	4.66	43.96	6.2	W
	4.69	43.96	5.3	W
	4.73	—	5.4	O
	5.58	43.89	6.9	W
	5.58	43.89	6.6	O
	5.59	43.93	5.2	O
	5.59	43.90	5.8	O
	5.60	43.91	4.9	O
	5.68	43.86	5.3	W
2464	2.55	44.66	42.9	O
	2.55	44.61	42.2	O
	2.56	44.57	42.6	O
	13.42	44.51	43.4	W
	13.44	44.45	44.6	W
	13.45	44.48	43.3	W
2465	5.60	15.16	42.8	O
	5.61	15.16	44.0	O
	5.62	15.19	43.6	O
	11.85	15.12	43.9	W
	12.50	15.19	42.9	O
	13.42	15.16	45.2	W
2466	5.58	55.88	57.1	W
	11.84	55.87	56.3	W
	11.85	55.80	57.4	W
	12.63	55.81	57.0	O
	12.63	55.84	57.1	O
	12.64	55.85	56.9	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2467	11.85	58ᵐ17	7ᵍ1	W
	12.44	58.20	8.4	W
	12.66	58.21	7.5	O
	13.15	58.24	7.5	O
	13.50	58.21	6.7	O
	13.50	58.22	8.9	O
2468	13.15	9.74	28.9	W
	13.47	9.76	29.0	W
	13.51	9.79	29.7	O
	13.51	9.75	29.2	O
	13.52	9.71	28.8	O
	13.63	9.72	28.8	W
2469	4.70	39.25	14.2	O
	4.71	39.25	13.0	O
	4.71	39.26	14.7	O
	5.57	39.26	14.8	W
	5.67	39.26	13.4	W
	5.71	39.23	—	W
	13.46	39.23	13.3	W
2470	5.61	49.52	32.4	O
	5.61	49.54	32.6	O
	5.61	49.49	32.0	O
	13.45	49.50	32.2	W
	13.63	49.55	32.8	W
	13.66	49.48	32.8	W
2471	4.72	7.44	49.3	O
	4.73	—	50.4	O
	5.62	7.48	51.5	O
	12.61	7.50	—	O
	13.45	7.48	51.3	W
	13.63	7.50	51.3	W
	13.63	7.54	51.3	W
	13.64	7.46	51.7	W
2472	4.62	15.25	49.3	W
	4.66	15.35	50.6	W
	4.69	15.35	50.5	W
	5.60	15.35	48.9	O
	5.61	15.37	49.4	O
	5.62	15.28	48.4	O
2473	5.62	53.70	53.2	O
	5.63	53.70	53.9	O
	8.82	53.76	54.0	W
	12.50	—	53.1	O
	13.66	53.62	55.1	W
	13.67	53.67	54.4	W
2474	2.57	54.02	2.6	O
	4.70	54.06	4.0	O
	4.71	53.94	3.9	O
	4.71	54.05	4.4	O
	4.73	54.03	2.5	O
	5.58	54.10	4.3	W
2475	12.63	13.90	5.6	O
	12.63	13.83	5.4	O
	12.64	13.86	5.2	O
	13.42	13.79	6.8	W
	13.63	13.85	6.6	W
	13.63	13.77	6.0	W
2476	5.67	23.36	39.3	W
	5.71	23.40	39.1	W
2477	5.58	6.76	26.2	W
	5.58	6.78	26.9	O
	5.59	6.66	25.8	O
	5.59	6.76	26.6	O
	12.44	6.74	27.1	W
	13.45	6.75	26.4	W
2478	5.60	15.93	50.5	O
	5.61	15.91	50.4	O
	5.61	15.90	50.6	O
	13.45	15.91	51.3	W
	13.45	15.94	50.6	W
	13.46	15.89	51.3	W
2479	4.62	15.89	33.3	W
	4.66	15.94	32.8	W
	4.69	16.00	33.9	W
	4.71	15.92	31.5	O
	4.71	15.85	32.8	O
	4.72	15.90	32.4	O
2480	2.55	24.87	3.8	O
	2.55	24.83	3.5	O
	2.56	24.86	3.3	O
	5.65	24.83	5.0	W
2481	5.61	3.46	39.5	O
	5.61	3.56	41.0	O
	5.62	3.48	39.0	O
	13.47	3.40	41.0	W
	13.63	3.49	40.5	W
	13.63	3.41	40.7	W
2482	5.62	34.38	35.7	O
	5.62	34.30	35.6	O
	5.63	34.32	36.6	O
	13.42	34.29	36.3	W
	13.44	34.40	36.7	W
	13.63	34.28	36.4	W
2483	4.62	43.58	17.0	W
	4.69	43.62	17.3	O
	4.70	43.61	16.3	O
	4.71	43.61	17.4	O
	4.71	43.54	(18.8)	O
	4.72	43.44	15.2	O
	4.73	43.57	16.0	O
2484	5.58	54ᵐ15	6ᵍ1	W
	5.59	54.14	5.0	O
	5.59	54.16	4.8	O
	5.59	54.16	5.0	O
	5.67	54.16	5.8	W
	12.44	54.15	5.4	W
2485	5.58	32.84	11.3	W
	5.61	32.59	11.6	O
	5.61	32.84	11.7	O
	5.61	32.76	10.6	O
	8.82	32.77	11.7	W
	11.85	32.80	11.6	W
2486	4.70	44.18	49.3	O
	4.71	44.17	48.5	O
	4.71	44.23	47.7	O
	5.58	44.18	49.3	W
	5.65	44.21	49.4	W
	5.71	44.25	49.4	W
2487	5.61	51.84	52.4	O
	5.62	51.80	51.0	O
	5.62	51.76	53.3	O
	7.87	51.73	51.6	W
	13.45	51.76	52.0	W
	13.45	51.75	52.4	W
2488	4.62	8.29	46.4	W
	4.66	8.37	47.1	W
	4.72	8.27	45.3	O
	4.73	8.34	46.4	O
	5.57	8.32	46.3	W
	5.69	8.31	45.5	O
2490	5.61	29.83	38.5	O
	5.62	29.76	37.2	O
	5.62	29.80	37.2	O
	13.63	29.59	38.9	W
	13.63	29.75	38.1	W
	13.64	29.69	37.5	W
2491	5.58	40.05	5.9	W
	5.59	40.07	5.2	O
	5.59	40.02	4.4	O
	5.59	40.07	5.8	O
	13.66	40.02	5.4	W
	13.66	40.05	5.8	W
2492	12.63	21.26	55.5	O
	12.63	21.27	55.5	O
	12.64	21.25	55.1	O
	13.42	21.26	56.2	W
	13.45	21.29	55.6	W
	13.45	21.27	55.9	W
2493	5.61	33.67	46.4	O
	5.61	33.64	46.5	O
	5.61	33.61	(43.8)	O
	8.82	33.60	45.5	W
	11.85	33.59	45.4	W
	11.86	33.64	45.6	W
2494	4.62	39.44	21.6	W
	4.66	39.49	22.1	W
	4.70	39.44	20.5	O
	4.71	39.44	19.5	O
	4.71	39.48	20.0	O
	5.57	39.34	20.9	W
	5.58	39.35	20.2	W
2495	5.58	17.48	55.5	W
	5.60	17.44	56.4	O
	5.62	17.55	54.5	O
	5.62	17.50	55.6	O
	11.85	17.53	56.2	W
	11.84	17.47	55.1	W
2496	4.64	29.89	57.6	W
	4.72	29.83	57.5	O
	4.73	29.85	57.2	O
	4.73	29.84	57.2	O
	5.65	29.78	57.5	W
	5.71	29.99	57.5	W
2497	2.57	46.55	61.0	O
	4.64	46.56	61.9	W
	4.70	46.61	62.2	O
	4.71	46.61	61.3	O
	4.71	46.59	59.9	O
	13.42	46.62	61.2	W
2498	2.55	28.81	27.1	O
	2.55	28.81	26.3	O
	2.56	28.82	26.5	O
	5.58	28.84	28.0	W
	5.71	28.77	26.7	W
	11.85	28.77	27.8	W
2499	5.61	53.82	9.6	O
	5.62	53.85	9.4	O
	5.62	53.82	10.0	O
	11.86	53.85	9.3	W
	12.44	53.78	8.9	W
	13.63	53.76	9.8	W
2500	5.61	34.12	18.1	O
	5.61	34.08	18.0	O
	5.61	34.06	17.5	O
	8.82	34.13	18.2	W
	11.83	34.10	20.6	W
	11.85	34.14	18.9	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2501	4.66	3h41	31°4	W
	4.71	3.43	31.2	O
	4.74	3.42	33.7	O
	5.58	3.46	30.1	W
	12.63	3.39	33.7	O
	13.45	3.37	30.6	W
2502	5.58	40.85	19.0	W
	5.58	40.92	19.2	W
	5.59	40.96	19.1	O
	5.59	40.95	18.3	O
	5.60	40.98	18.6	O
	5.65	40.95	19.3	W
	11.86	40.83	20.0	W
2503	2.57	44.29	10.4	O
	4.59	44.26	12.5	W
	4.62	44.26	11.7	W
	4.63	44.27	12.3	W
	4.72	44.32	10.5	O
	4.73	44.25	9.9	O
	4.73	44.24	10.7	O
	4.73	44.19	10.1	O
2504	2.55	59.40	42.6	O
	2.56	59.43	42.3	O
	2.56	59.39	42.1	O
	4.62	59.46	41.5	W
	4.63	59.47	41.5	W
	4.69	59.42	43.7	W
	4.70	59.40	42.5	O
	4.71	59.39	42.2	O
	4.71	59.49	41.6	O
	11.87	59.43	42.6	W
2505	5.61	7.38	10.0	O
	5.61	7.42	8.8	O
	5.61	7.40	9.0	O
	11.83	7.36	10.3	W
	11.85	7.44	9.9	W
	11.85	7.33	10.7	W
2506	5.58	26.30	41.6	W
	5.60	26.31	41.6	O
	5.61	26.39	40.7	O
	5.62	26.36	40.6	O
	8.82	26.42	42.2	W
	11.84	26.36	40.6	W
2507	4.62	18.17	13.3	W
	4.66	18.15	12.4	W
	4.69	18.19	13.0	W
	4.70	18.13	11.9	O
	4.71	18.18	11.2	O
	4.71	18.21	12.6	O
2508	4.72	31°01	27°9	O
	4.73	31.88	27.3	O
	4.74	31.82	27.2	O
	5.57	31.90	27.6	W
	5.58	31.84	28.2	W
	5.58	31.89	27.3	W
2509	4.60	18.04	28.4	O
	4.71	19.03	27.9	O
	5.62	18.99	27.7	O
	5.65	19.01	27.8	W
	5.67	18.94	28.6	W
	5.71	19.02	28.4	W
2510	4.71	22.05	24.8	O
	4.72	22.05	25.7	O
	4.73	22.04	25.7	O
	4.74	21.94	25.2	O
	12.44	22.01	26.0	W
	13.45	22.06	26.2	W
2511	2.55	6.47	59.1	O
	2.55	6.45	60.4	O
	2.56	6.45	59.7	O
	4.59	6.44	59.7	W
	4.63	6.45	60.3	W
	4.64	6.46	61.4	W
	4.66	6.47	62.2	W
	4.73	6.44	60.2	O
2512	2.57	20.44	19.4	O
	4.70	20.42	17.8	O
	4.71	20.39	17.5	O
	5.58	20.40	19.3	W
	13.45	20.38	19.3	W
	13.63	20.51	18.5	W
2513	5.58	47.38	50.8	W
	5.59	47.41	51.6	O
	5.61	47.35	52.4	O
	12.63	47.32	52.2	O
	13.45	47.31	51.6	W
	13.63	47.26	51.9	W
2514	5.59	55.95	47.9	O
	5.60	55.90	47.9	O
	11.84	55.95	49.2	O
	12.66	55.98	47.7	O
	13.45	56.04	47.4	W
	13.63	56.01	48.2	W
	13.66	55.99	47.7	W
2515	5.71	28.27	35.7	W
	12.64	28.23	36.6	O
	13.45	28.19	37.3	W
	13.50	28.23	37.1	O
	13.50	28.11	36.0	O
	13.64	28.30	36.3	W
2516	4.72	49°66	23°0	O
	4.73	49.66	23.8	O
	4.74	49.63	(21.8)	O
	5.58	49.53	23.2	W
	13.63	49.53	24.1	W
	13.63	49.48	24.7	W
2517	4.63	37.84	11.0	W
	4.70	37.89	9.3	O
	4.70	37.86	10.3	O
	4.72	37.87	10.6	O
	4.73	37.88	9.2	O
	4.74	37.79	9.8	O
	5.58	37.88	10.7	W
	5.65	37.80	9.8	W
2518	5.61	57.19	18.4	O
	5.61	57.19	18.5	O
	5.62	57.25	16.8	O
	11.83	57.24	19.2	W
	13.64	57.20	17.6	W
	13.66	57.15	17.3	W
2519	2.56	10.87	55.6	O
	2.57	10.88	56.0	O
	4.66	10.84	57.7	W
	4.69	10.85	56.4	W
	4.71	10.82	55.4	O
	5.57	10.81	57.5	W
	5.67	10.98	57.2	W
2520	5.58	54.34	1.3	W
	5.59	54.38	0.6	O
	5.59	54.33	1.0	O
	5.60	54.34	0.8	O
	8.82	54.39	1.5	W
	8.82	54.35	1.0	W
2521	5.61	33.01	48.8	O
	5.62	32.97	48.2	O
	5.62	32.99	49.4	O
	5.71	33.02	48.4	W
	8.85	32.96	47.8	W
	11.85	32.96	47.9	W
2522	5.63	35.74	15.0	O
	11.83	35.80	14.9	W
	11.85	35.79	14.4	W
	11.85	35.73	14.0	W
	11.87	35.75	—	W
	12.50	35.70	14.3	O
	12.63	35.75	15.2	O
2523	5.61	10.64	9.0	O
	5.61	10.63	8.8	O
	5.61	10.65	9.2	O
	11.83	10.63	—	W
	11.84	10.75	8.7	W
	11.87	10.68	8.4	W
	11.88	10.65	9.0	W
2524	2.56	36°05	55°0	O
	2.57	36.08	55.2	O
	4.63	37.00	50.3	W
	4.64	36.97	55.6	W
	4.66	36.96	57.6	W
	4.69	37.00	56.0	W
	4.70	36.99	56.1	O
	4.71	36.99	56.5	O
	4.73	36.95	55.7	O
	4.73	37.06	—	O
2525	4.72	32.37	53.4	O
	4.73	32.33	52.5	O
	4.74	32.37	52.2	O
	5.58	32.33	52.9	W
	5.58	32.28	53.9	W
	5.65	32.34	53.5	W
2526	4.64	49.15	20.2	W
	4.66	49.24	19.9	W
	4.69	49.24	20.5	W
	4.70	49.21	18.5	O
	4.71	49.20	18.5	O
	4.71	49.23	(17.9)	O
2527	5.58	6.04	16.5	W
	5.59	6.08	16.1	O
	5.62	6.04	17.1	O
	5.62	6.01	17.0	O
	5.62	6.04	16.9	W
	8.82	6.04	16.6	W
	11.86	6.04	16.9	W
2528	5.59	17.32	30.4	O
	5.60	17.30	31.2	O
	5.62	17.30	30.1	O
	8.85	17.36	30.5	W
	11.85	17.38	31.0	W
	11.85	17.34	29.4	W
2529	5.61	11.39	27.6	O
	5.63	11.46	26.7	O
	8.82	11.42	26.4	W
	11.83	11.37	28.6	W
	11.85	11.37	28.2	W
	12.50	11.34	28.9	O
2530	4.66	12.96	36.6	W
	4.70	13.01	34.5	O
	4.71	12.97	35.4	O
	4.71	12.97	35.3	O
	4.72	12.91	35.5	O
	4.74	13.02	35.0	O
	11.88	12.77	36.8	W
	12.63	12.91	—	O
	12.63	12.91	—	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2531	4.64	27ʰ10	33°6	W
	4.99	27.04	33.2	W
	4.72	27.20	30.2	O
	12.63	27.07	30.7	O
	12.63	27.07	31.4	O
	13.45	27.01	31.8	W
2532	5.58	32.01	56.3	W
	5.58	32.80	57.6	W
	5.62	32.03	56.7	O
	8.85	32.02	56.1	W
	11.84	32.02	54.5	W
	12.61	32.00	55.6	O
2533	5.63	47.35	34.3	O
	8.82	47.40	34.0	W
	11.87	47.32	34.9	W
	12.59	47.31	34.4	O
	12.63	47.30	33.6	O
	13.64	47.24	35.4	W
2534	5.60	59.25	41.8	O
	5.62	59.18	44.6	O
	5.62	59.23	43.7	O
	11.83	59.19	45.6	W
	11.85	59.21	43.7	W
	12.44	59.21	43.8	W
2535	2.57	15.07	54.0	O
	2.57	15.71	54.5	O
	4.62	15.04	54.4	W
	4.72	15.03	53.8	O
	4.74	15.03	55.0	O
	5.58	15.00	53.1	W
	5.63	15.07	53.7	W
2536	4.64	32.82	36.5	W
	4.66	32.85	35.6	W
	4.69	32.81	36.3	W
	4.73	32.87	36.4	O
	5.57	32.83	35.9	W
	5.58	32.80	36.3	O
	5.59	32.83	37.7	O
	5.59	32.88	36.2	O
2537	5.61	59.65	0.9	O
	5.62	59.64	0.8	O
	5.62	59.65	1.3	O
	8.85	59.61	2.6	W
	8.85	59.67	3.0	W
	11.85	59.55	3.2	W
2538	4.64	4.02	34.4	W
	4.66	4.02	34.9	W
	4.69	4.80	34.6	W
	4.72	4.00	34.2	O
	4.73	4.02	33.4	O
	4.74	4.88	34.3	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2539	5.62	15.20	55.4	O
	5.63	14.20	56.5	O
	11.85	15.21	57.1	W
	11.88	15.22	56.0	W
	12.61	15.21	55.9	O
	13.45	15.22	55.9	W
2540	5.59	30.33	36.1	O
	5.88	30.33	36.8	O
	12.63	30.33	36.5	O
	13.63	30.30	38.5	W
	13.64	30.34	38.4	W
	13.68	30.32	37.9	W
2541	11.87	43.00	19.4	W
	12.66	43.00	19.1	O
	13.45	43.02	20.0	W
	13.59	43.05	19.6	O
	13.62	43.00	20.0	O
	13.70	43.01	20.6	W
2543	13.50	52.16	11.8	O
	13.52	52.16	11.8	O
	13.60	52.15	12.3	O
	13.67	52.17	11.6	W
	13.80	52.17	11.4	W
	13.81	52.17	11.6	W
2544	8.82	24.02	13.2	W
	12.04	24.01	12.3	O
	13.51	23.58	13.0	O
	13.61	23.05	14.1	O
	13.63	24.01	13.1	W
	13.73	24.00	14.8	W
2545	4.64	39.35	38.8	W
	4.66	39.37	38.6	W
	4.66	39.33	39.3	W
	4.73	39.28	38.4	O
	4.74	39.32	38.7	O
	5.59	39.29	37.9	O
2546	5.62	54.36	47.0	O
	11.85	54.32	47.0	O
	13.50	54.30	45.6	O
	13.52	54.33	44.8	O
	13.64	54.32	45.6	W
	13.68	54.41	45.2	W
2547	13.50	5.00	48.9	O
	13.52	5.03	48.9	O
	13.59	4.99	48.0	O
	13.67	4.96	48.7	W
	13.70	5.01	48.3	W
	13.80	5.00	48.0	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2548	11.88	5.03	17.8	W
	12.50	5.05	19.6	O
	12.60	5.01	18.7	O
	13.51	5.05	18.8	O
	13.63	4.95	17.3	W
	13.81	5.00	17.6	W
2549	5.63	19.35	29.3	W
	5.67	19.46	29.8	W
	5.71	19.41	30.1	W
	11.86	19.39	29.7	W
	12.63	19.37	28.5	O
	12.69	19.34	28.6	O
2550	5.88	26.59	29.9	O
	8.81	26.57	30.4	O
	13.61	26.50	29.5	O
	13.63	26.61	30.0	W
	13.66	26.62	30.3	W
2551	5.61	37.18	29.4	O
	5.62	37.17	29.9	O
	7.92	37.15	30.5	O
	8.40	37.19	29.4	W
	8.85	37.15	29.3	W
	11.85	37.21	28.7	W
2552	4.64	40.84	18.1	W
	4.66	40.85	18.1	W
	4.69	40.88	17.0	W
	4.72	40.84	16.8	O
	4.73	40.90	17.0	O
	4.73	40.91	16.2	O
	4.74	40.88	17.5	O
2553	2.56	46.99	19.9	O
	2.58	46.91	19.7	O
	5.59	46.97	20.0	O
	13.67	46.95	19.8	W
	13.70	46.92	20.3	W
	13.80	46.95	20.6	W
2554	5.61	47.89	49.8	O
	5.63	47.89	49.3	O
	5.70	48.03	48.8	O
	12.44	47.96	49.1	W
	13.45	47.92	50.8	W
	13.63	47.97	49.0	W
2555	5.60	15.56	30.1	O
	5.61	15.41	29.8	O
	5.61	15.51	29.9	O
	8.82	15.59	29.6	W
	8.82	15.54	29.5	W
	11.84	15.57	27.9	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2556	5.61	45ʰ27	58°2	O
	5.62	45.76	59.0	O
	5.62	45.78	59.0	O
	11.83	45.75	59.3	W
	11.85	45.78	60.0	W
	11.85	45.66	59.8	W
2557	4.72	54.66	41.2	O
	4.73	54.66	41.2	O
	4.74	54.65	41.1	O
	5.63	54.67	41.8	W
	5.67	54.68	42.5	W
	5.71	54.70	42.0	W
	11.86	54.67	43.1	W
	13.70	54.66	42.4	W
2558	5.59	12.26	12.6	O
	5.61	12.21	13.0	O
	5.63	12.19	12.8	O
	13.45	12.20	13.2	W
	13.63	12.20	13.4	W
	13.64	12.19	13.4	W
2559	5.59	42.02	24.6	O
	5.85	41.98	26.2	O
	8.81	41.99	26.8	O
	12.60	42.03	25.5	O
	13.67	41.97	27.1	W
	13.68	41.96	26.8	W
2560	5.61	53.83	54.6	O
	5.62	53.82	54.3	O
	5.62	53.76	53.5	O
	8.82	53.81	54.3	W
	8.82	53.79	54.9	W
	11.85	53.90	52.8	W
2561	4.72	54.14	19.5	O
	4.73	54.08	21.2	O
	4.74	54.13	19.3	O
	11.86	54.04	—	W
	13.80	54.10	20.3	W
	13.81	54.17	19.0	W
2562	2.56	59.63	40.3	O
	2.57	59.64	40.3	O
	4.62	59.67	43.2	W
	4.63	59.65	42.3	W
	4.64	59.66	41.9	W
	4.66	59.67	42.0	W
	4.69	59.64	41.6	W
	4.73	59.69	39.9	O
2563	5.59	28.61	58.0	O
	5.67	28.63	58.5	W
	5.71	28.64	58.9	W
	5.79	28.60	58.2	O
	12.60	28.67	58.6	O
	13.45	28.63	58.0	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890,0	δ 1890,0	Kr.
2564	5.62	53h 7m 6s	51° 5′	O
	5.63	53 7 9	50.5	O
	8.85	53 7 0	49.8	W
	11.87	53 7 2	49.5	W
	12.63	53 6 8	51.1	O
	13.81	53 7 0	51.3	W
2565	11.83	6 19	22.6	W
	11.85	6 18	22.4	W
	11.88	6 18	21.1	W
	12.56	6 17	24.3	O
	12.63	6 18	24.3	O
	12.66	6 16	23.9	O
2566	8.82	9 57	28.8	W
	11.84	9 48	28.2	W
	11.85	9 49	28.0	W
	13.56	9 48	29.7	O
	13.59	9 45	29.1	O
	13.62	9 52	28.8	O
2567	12.64	18 42	60.6	O
	13.51	18 38	61.2	O
	13.52	18 40	61.1	O
	13.63	18 39	60.6	W
	13.64	18 42	59.6	W
	13.68	18 38	60.7	W
2568	12.60	33 27	19.1	O
	13.59	34 01	19.1	O
	13.61	34 01	19.6	O
	13.67	34 02	18.9	W
	13.70	33 59	19.3	W
	13.80	33 58	19.1	W
2569	4.62	36 52	48.6	W
	4.66	36 54	49.4	W
	4.69	36 59	48.0	W
	4.72	36 57	46.8	O
	4.73	36 57	47.4	O
	4.74	36 01	(45.4)	O
	5.65	36 00	48.7	W
2570	5.62	30 34	17.0	O
	5.62	30 42	16.7	O
	5.63	30 40	17.9	O
	8.82	30 38	17.4	W
	8.82	30 40	18.8	W
	8.82	30 32	18.7	W
2571	2.56	51 21	54.1	O
	2.57	51 17	54.9	O
	4.63	51 22	53.5	W
	4.66	51 17	54.3	W
	4.69	51 19	53.3	W
	4.71	—	52.4	O
	4.73	51 16	52.6	O
2572	4.72	51 02	60.2	O
	4.73	51 08	59.3	O
	4.74	51 03	59.7	O
	13.64	51 08	60.0	W
	13.67	51 80	59.3	W
	13.68	51 06	59.4	W
2573	4.64	52 40	9.0	W
	5.59	52 35	9.2	O
	5.61	52 39	8.6	O
	5.65	52 44	8.2	W
	5.67	52 37	8.6	W
	5.71	52 41	8.9	W
	5.79	52 36	9.1	O
	11.85	52 39	9.8	W
2574	5.79	58 35	12.2	O
	5.88	58 48	11.8	O
	8.81	58 28	11.8	O
	11.85	58 38	13.5	W
	11.87	58 34	10.1	W
	13.81	58 28	12.2	W
2575	5.61	9 85	48.5	O
	5.61	9 88	48.7	W
	5.62	9 89	49.4	O
	8.85	9 80	48.5	W
	11.86	9 78	47.0	W
	11.88	9 75	45.9	W
2576	12.63	27 81	8.4	O
	12.63	27 78	8.5	O
	12.61	27 72	7.6	O
	13.61	27 75	8.3	W
	13.64	27 63	9.6	W
	13.70	27 74	8.8	W
2577	4.62	27 82	55.2	W
	4.64	27 72	54.1	W
	4.66	27 64	56.0	W
	4.69	27 81	54.8	W
	4.72	27 78	53.9	O
	4.73	27 83	54.4	O
	4.74	27 85	54.8	O
2578	8.82	41 21	50.7	W
	8.82	41 28	50.9	W
	13.66	41 34	51.3	O
	13.50	41 28	50.9	O
	13.50	41 30	50.9	O
	13.67	41 27	51.0	W
2579	5.62	47 31	5.9	O
	5.62	47 29	6.6	O
	8.82	47 34	6.0	W
	11.83	(47 51)	4.0	W
	11.84	47 35	5.5	W
	12.60	47 34	5.9	O
	13.45	47 38	5.3	W
2580	4.62	58 79	44 4	W
	4.72	58 71	43.7	O
	4.73	58 79	44.2	O
	4.74	58 72	44.8	O
	5.65	58.66	43.6	W
	5.67	58 79	43.5	W
	5.71	58.68	44.1	W
2581	5.59	1.07	13.5	O
	5.61	1.00	12.8	O
	5.79	1.07	13.9	O
	13.70	0.99	13.2	W
	13.80	1.04	13.6	W
	13.81	1.06	12.5	W
2582	5.61	3.80	32.1	O
	5.61	3.82	31.4	O
	5.61	3.77	31.8	O
	8.85	3.77	30.4	W
	11.85	3.76	(25.3)	W
	13.68	3.71	30.4	W
2583	5.62	15.90	21.8	O
	5.63	15.80	21.1	O
	8.81	15.92	23.3	O
	11.83	15.86	22.7	W
	11.85	16.00	22.6	W
	11.87	15.88	21.9	W
2584	2.56	20.03	40.0	O
	2.57	20.82	38.1	O
	4.63	20.90	39.8	W
	4.64	20.95	40.5	W
	4.66	20.90	40.6	W
	4.69	20.88	39.4	W
	4.73	20.91	39.2	O
2585	4.62	54.87	48.3	W
	4.71	54.97	46.8	O
	4.72	54.84	47.1	O
	4.73	54.87	47.2	O
	4.74	54.86	46.0	O
	5.65	54.85	47.1	W
2586	4.64	58.11	57.6	W
	4.66	58.03	57.2	W
	4.69	58.08	57.5	W
	5.61	58.03	56.3	O
	5.79	58.09	55.7	O
	5.79	58.04	56.3	O
2587	5.62	38.15	30.5	O
	8.82	38.08	30.5	W
	8.82	38.13	30.5	W
	12.60	38.11	30.6	O
	12.63	38.11	31.5	O
	13.63	38.07	32.0	W
2588	5.63	47 10	39 1	O
	8.81	47.13	41.5	O
	8.82	47.07	41.0	W
	8.85	—	40.5	W
2589	5.61	49.54	25.1	O
	5.61	49.41	26.2	O
	5.61	49.44	25.0	O
	11.85	49.47	22.0	W
	11.88	49.52	22.5	W
	13.64	49.47	26.0	W
2590	4.62	22.38	7.6	W
	4.63	22.32	9.1	W
	4.71	22.38	8.0	O
	4.72	22.31	7.3	O
	4.73	22.34	7.7	O
	4.73	22.31	7.9	O
	4.74	22.39	7.6	O
	5.71	22.31	7.8	W
2591	5.59	24.80	53.2	O
	5.62	24.80	53.5	O
	5.62	24.80	53.1	O
	11.83	24.88	51.2	W
	11.84	24.83	50.6	W
	11.85	24.81	(17.0)	W
2592	12.63	41.04	3.2	O
	12.64	42.06	30.1	O
	12.66	41.94	20.8	O
	13.67	41.95	30.9	W
	13.68	41.98	30.9	W
	13.70	41.96	31.3	W
2593	13.50	2.60	3.5	O
	13.50	2.60	4.4	O
	13.51	2.57	3.8	O
	13.63	2.59	4.0	W
	13.80	2.65	3.1	W
	13.81	2.84	3.4	W
2594	4.64	3.41	55.5	W
	4.66	3.40	55.5	W
	4.69	3.40	55.3	W
	4.71	3.40	54.8	O
	4.73	3.33	54.9	O
	4.74	3.41	(53.6)	O
2595	12.63	8.73	31.8	O
	13.52	8.64	32.3	O
	13.52	8.64	32.0	O
	13.63	8.59	30.6	W
	13.63	8.65	30.7	W
	13.64	8.63	30.5	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2596	5.02	9ʰ04	4°0	O
	13.59	8.96	4.6	O
	13.01	9.00	3.8	O
	13.66	8.97	1.4	W
	13.66	9.02	3.1	W
	13.70	9.02	2.4	W
2597	5.61	53.04	0.1	O
	5.61	53.07	1.2	O
	5.61	53.06	0.9	O
	8.82	52.95	1.7	W
	13.07	52.98	1.0	W
	13.08	52.97	1.0	W
2599	12.66	53.63	12.6	O
	13.50	53.61	12.8	O
	13.50	53.64	11.9	O
	13.03	53.67	11.6	W
	13.04	53.62	12.4	W
	13.67	53.60	12.6	W
2600	4.02	43.41	53.1	W
	4.03	43.44	52.7	W
	4.04	43.41	53.0	W
	4.09	43.35	54.5	W
	4.71	43.41	51.7	O
	5.73	43.38	53.2	O
	5.79	43.43	52.5	O
2601	12.63	49.23	3.7	O
	12.63	49.32	4.9	O
	12.64	49.21	4.8	W
	13.08	49.20	4.7	W
	13.70	49.23	5.2	W
	13.80	49.20	4.7	W
2602	4.71	30.65	33.1	O
	5.61	30.67	31.4	O
	5.65	30.71	31.8	W
	5.67	30.69	31.5	W
	5.71	30.75	32.0	W
	5.71	30.70	—	W
	5.73	30.74	31.1	O
2603	5.59	2.40	17.1	O
	5.61	2.53	15.9	O
	5.62	2.53	—	O
	8.81	2.46	18.0	O
	8.82	2.45	17.0	W
	13.03	2.48	16.1	W
	13.81	2.44	15.4	W
2604	5.62	21.19	54.6	O
	5.63	21.27	55.5	O
	12.66	21.18	56.2	O
	13.04	21.21	54.8	W
	13.67	21.17	55.1	W
	13.68	21.17	54.9	W
2605	5.61	40ʰ62	8°4	O
	5.62	40.62	8.7	O
	11.85	40.66	9.3	W
	11.85	40.61	8.2	W
	12.66	40.66	9.3	O
	13.70	40.61	8.6	W
2606	13.50	54.93	8.4	O
	13.50	54.93	8.7	O
	13.51	54.92	9.4	O
	13.63	54.94	9.1	W
	13.66	55.00	8.9	W
	13.80	54.92	8.3	W
2607	11.84	7.67	9.9	W
	13.52	7.66	10.1	O
	13.52	7.65	11.2	O
	13.59	7.69	10.3	O
	13.63	7.65	10.3	W
	13.64	7.65	10.0	W
2608	8.81	32.69	40.6	O
	12.60	32.71	41.8	O
	12.63	32.68	40.8	O
	12.66	32.74	40.3	W
	13.67	32.76	40.7	W
	13.68	32.74	40.5	W
2609	4.62	13.54	35.1	W
	4.63	13.58	33.9	W
	4.71	13.55	(32.0)	O
	4.73	13.60	34.5	O
	5.61	13.60	33.8	O
	5.65	13.60	36.0	W
2610	5.62	47.25	35.6	O
	5.62	47.22	34.6	O
	5.63	47.23	32.6	O
	13.63	47.17	35.5	W
	13.70	47.23	34.5	W
	13.81	47.23	35.6	W
2611	5.61	33.34	23.2	O
	5.61	33.32	24.6	O
	5.62	33.28	23.1	O
	8.82	33.33	23.5	W
	11.84	33.40	23.1	W
	13.80	33.33	23.8	W
2612	4.63	36.28	20.5	W
	4.71	36.22	18.9	O
	4.73	36.22	20.0	O
	5.59	36.20	18.4	O
	5.67	36.20	19.6	W
	5.71	36.23	18.9	W
2613	4.62	38ʰ52	48°0	W
	5.61	38.46	48.3	O
	5.63	38.44	47.8	W
	5.71	38.52	48.4	W
	5.73	38.45	47.7	O
	5.73	38.48	47.6	O
2614	5.62	29.21	1.3	O
	5.62	29.30	0.4	O
	12.63	29.19	0.3	O
	13.63	29.16	0.3	W
	13.64	29.28	0.7	W
	13.67	29.22	1.4	W
2616	5.62	21.09	23.1	O
	5.63	21.96	22.2	O
	5.66	21.99	—	O
	5.79	22.05	22.1	O
	8.82	22.03	23.2	W
	8.86	22.05	22.6	W
	11.83	22.09	22.4	W
2617	5.61	31.36	52.3	O
	5.61	31.43	52.0	O
	5.61	31.38	53.8	O
	5.67	31.44	52.3	W
	5.71	31.37	52.5	W
	11.85	31.43	51.3	W
2618	5.62	33.03	22.7	O
	5.62	33.08	22.6	O
	5.73	33.05	22.0	O
	8.82	33.00	22.7	W
	11.84	33.08	21.6	W
	11.85	33.08	24.1	W
2619	5.61	46.40	37.9	O
	5.61	46.39	37.7	O
	5.62	46.37	39.5	O
	5.79	46.41	38.5	O
	8.82	46.43	39.6	W
	8.86	46.39	40.4	W
	11.87	46.39	37.2	W
2620	2.80	54.85	58.2	O
	4.62	54.84	60.2	W
	4.63	54.82	60.5	W
	4.71	54.86	59.8	O
	4.73	—	58.8	O
	5.65	54.88	60.2	W
	12.63	54.83	59.3	O
2621	4.81	58.81	25.6	W
	4.81	58.89	25.9	W
	5.61	58.88	24.1	O
	5.63	58.92	26.5	O
	5.67	58.87	26.3	W
	5.71	58.80	25.0	W
	5.73	58.82	25.0	O
2622	5.61	56ʰ58	40°1	O
	5.61	56.51	41.1	O
	5.62	56.57	41.6	O
	5.79	56.58	40.3	O
	5.79	56.60	40.1	O
	8.82	56.04	40.6	W
	11.83	56.56	41.2	W
	11.88	56.51	41.1	W
2623	4.62	51.19	54.7	W
	4.71	51.22	53.3	O
	4.71	51.20	53.3	O
	5.68	51.22	53.9	W
	5.67	51.21	53.5	W
	5.71	51.14	53.1	W
2624	5.62	36.85	21.0	O
	5.62	36.82	22.1	O
	5.63	36.83	21.7	O
	5.79	36.94	21.6	O
	8.82	36.89	22.0	W
	8.86	36.90	21.1	W
	11.84	36.83	19.6	W
	11.87	36.81	20.5	W
2625	2.80	49.33	53.1	O
	4.63	49.38	55.2	W
	4.70	49.40	54.8	O
	4.71	49.35	55.0	O
	4.71	49.31	54.8	O
	4.73	49.29	54.2	O
	4.81	49.32	54.6	W
	4.81	49.31	54.3	W
2626	4.62	18.08	14.9	W
	4.70	18.13	15.5	O
	4.71	18.10	14.8	O
	4.71	18.10	16.8	O
	5.65	18.19	15.9	W
	5.67	18.11	14.8	W
	5.71	18.13	15.0	W
	5.88	18.12	14.4	O
	5.89	18.19	14.6	O
2627	5.73	49.20	15.6	O
	8.82	49.17	16.2	W
	12.60	48.99	16.2	O
	12.63	49.19	15.7	O
	13.63	49.18	17.0	W
	13.64	49.03	16.8	W
2628	13.64	49.84	41.2	W
	13.67	49.90	40.7	W
	13.81	49.71	39.4	W
	13.83	49.91	40.9	O
	13.86	49.93	40.0	O
	13.92	49.77	39.6	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2629	2.80	12 42	57° 8	O
	4.62	1.44	57.7	W
	4.63	1.49	55.2	W
	4.70	1.40	57.6	O
	4.71	1.48	56.7	O
	4.71	1.49	57.0	O
	4.73	1.50	56.7	O
	4.81	1.43	56.8	W
	4.81	1.47	56.2	W
	8.81	1.45	55.6	O
	11.85	1.51	55.4	W
2630	5.61	25.45	39.5	O
	5.61	25.51	39.4	O
	5.62	25.53	39.7	O
	8.82	25.49	38.5	W
	8.86	25.49	37.8	W
	11.87	25.50	39.6	W
2631	5.62	38.68	5.6	O
	5.62	38.63	5.1	O
	5.63	38.69	4.2	O
	11.83	38.64	5.0	W
	11.84	38.70	5.3	W
	11.84	38.62	5.1	W
2632	5.73	58.81	25.8	O
	5.73	58.86	24.3	O
	5.88	58.82	25.6	O
	8.82	58.70	24.6	W
	11.88	58.68	24.6	W
	11.93	58.66	26.0	W
2633	2.80	50.03	14.6	O
	4.62	49.97	14.0	W
	4.63	49.99	15.1	W
	4.69	50.00	15.6	W
	4.70	50.03	14.1	O
	4.71	50.00	15.0	O
	4.71	50.09	14.5	O
	4.73	49.98	14.2	O
2634	4.69	25.43	54.7	W
	4.71	25.49	54.1	O
	4.81	25.46	53.1	W
	4.81	25.49	53.5	W
	4.82	25.53	53.4	W
	5.73	25.42	53.5	O
	5.73	25.52	53.6	O
	5.74	25.47	53.3	O
2635	5.61	39.52	0.4	O
	5.61	39.43	0.3	O
	5.62	39.53	0.5	O
	5.62	39.48	0.2	W
	5.79	39.51	0.4	O
	8.82	39.47	1.4	W
	8.86	39.45	1.4	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2636	5.62	50 52	33° 0	O
	5.62	50.51	34.5	O
	5.64	50.70	33.8	O
	8.82	50.85	33.8	W
	8.82	50.80	35.2	W
	11.84	50.81	34.4	W
2637	5.88	12.73	17.2	O
	8.81	12.73	17.3	O
	11.83	12.67	16.6	W
	11.85	12.73	16.7	W
	11.85	12.67	16.7	W
	11.85	12.73	16.5	W
2638	11.85	47.09	31.2	W
	11.88	47.19	31.7	W
	12.00	47.16	33.3	O
	12.03	47.10	33.0	O
	12.04	47.19	32.4	O
	13.03	47.21	31.7	W
2639	5.61	10.08	47.7	O
	5.61	10.22	47.0	O
	5.62	10.14	47.4	O
	5.65	10.15	—	W
	5.71	10.15	47.6	W
	5.72	10.22	47.0	O
	5.72	10.06	—	O
	8.81	10.13	48.2	W
	11.82	10.15	48.8	W
2640	2.80	35.58	4.0	O
	4.62	35.52	4.8	W
	4.66	35.52	5.1	W
	4.69	35.56	4.0	W
	4.70	35.58	3.6	O
	4.71	35.58	5.3	O
	4.71	35.60	4.5	O
	4.73	35.58	—	O
2641	5.88	25.50	25.3	W
	8.82	25.46	25.3	W
	8.85	25.46	24.9	W
	11.83	25.43	25.1	W
	12.60	25.46	24.5	O
	12.64	25.41	24.5	O
	13.92	25.45	24.1	O
2642	4.69	38.26	25.3	W
	4.70	38.31	24.6	O
	4.71	38.22	24.7	O
	4.71	38.21	24.1	O
	4.81	38.25	24.5	W
	4.81	38.21	23.5	W
	4.83	38.30	24.1	W

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2643	5.62	0 18 4	32° 1	O
	5.62	0.87	31.5	O
	5.64	0.88	31.0	O
	5.65	0.81	—	W
	5.67	0.85	31.9	W
	5.71	0.77	31.0	W
	5.79	0.83	31.6	O
	8.82	0.84	32.6	W
	11.83	0.82	32.3	W
2644	8.82	25.50	25.3	W
	8.82	25.46	25.3	W
	8.85	25.46	24.9	W
	11.83	25.43	25.1	W
	12.60	25.46	24.5	O
	12.64	25.41	24.5	O
	13.92	25.45	24.1	O
2646	4.66	52.77	7.7	W
	5.79	52.80	9.2	O
	5.79	52.74	9.0	O
	5.88	52.73	11.0	O
	11.85	52.87	9.1	W
	11.86	52.77	8.3	W
2647	4.62	53.23	(55.0)	W
	5.80	53.24	58.7	O
	8.81	53.21	58.7	O
	12.66	53.10	57.5	O
	13.03	53.19	57.8	W
	13.04	53.15	58.1	W
2648	4.62	14.12	14.5	W
	4.66	14.10	13.9	W
	4.70	14.14	13.5	O
	4.71	14.09	13.2	O
	4.71	14.09	13.1	O
	4.81	14.08	12.6	W
2649	5.62	19.11	60.2	O
	5.73	19.19	60.7	O
	8.82	19.11	61.4	W
	11.83	19.05	59.6	W
	11.85	19.11	59.6	W
	12.60	19.10	61.2	O
2650	8.85	25.28	3.9	W
	11.84	25.25	3.7	W
	11.91	25.23	4.1	W
	12.63	25.22	4.8	O
	13.04	25.25	5.4	O
	13.80	25.25	5.2	O
2651	8.81	35.78	40.1	O
	8.82	35.66	40.4	W
	11.88	35.73	38.7	W
	13.03	35.74	39.0	W
	13.86	35.68	39.6	O
	13.92	35.69	40.0	O

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2652	5.65	24 4	50° 6	W
	5.73	24.04	50.2	O
	5.73	24.03	51.3	O
	5.79	24.50	51.2	O
	5.79	24.02	52.2	O
	11.83	24.53	49.3	W
	11.86	24.62	49.0	W
2653	5.88	27.29	44.6	O
	5.89	27.31	44.9	O
	11.85	27.22	44.7	W
	11.85	27.32	45.7	W
	11.85	27.35	45.6	W
	12.66	27.44	45.3	O
2654	5.62	10.79	25.9	O
	5.71	10.73	23.9	W
	8.81	10.74	25.5	O
	8.82	10.78	25.3	W
	11.84	10.76	24.4	W
	12.04	10.75	26.2	O
2655	5.82	53.31	59.1	W
	5.85	53.41	58.6	W
	11.83	53.28	59.0	W
	12.66	53.26	59.4	O
	12.66	53.34	59.1	O
	13.61	53.26	59.4	O
2656	2.80	27.30	36.9	O
	4.62	27.38	36.8	W
	4.69	27.36	37.2	W
	4.70	27.33	37.7	O
	4.71	27.31	35.4	O
	4.71	27.32	35.4	O
	4.73	27.35	36.4	O
	4.81	27.35	37.6	W
	4.81	27.27	37.9	W
2657	5.62	48.94	31.6	O
	5.79	48.82	32.8	O
	5.88	48.95	31.4	O
	8.82	48.95	31.5	W
	8.85	48.93	31.2	W
	11.85	48.90	30.7	W
2658	4.66	5.17	26.0	W
	5.65	5.26	25.5	W
	5.67	5.17	25.1	W
	5.71	5.17	24.5	W
	5.73	5.25	25.7	O
	5.73	5.22	24.3	O
	5.79	5.13	24.5	O
2659	4.70	53.37	55.4	O
	4.71	53.28	55.8	O
	4.71	53.31	54.7	O
	11.85	53.31	55.0	W
	11.85	53.30	56.2	W
	11.86	53.34	56.6	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2660	8.81	29.28	13.78	O
	8.82	29.31	12.2	W
	8.82	29.28	12.4	W
	11.84	29.35	12.1	W
	12.64	29.28	13.4	O
	12.66	29.26	13.1	O
2661	4.66	37.41	10.1	W
	4.69	37.52	11.6	W
	5.67	37.46	10.0	W
	5.73	37.43	10.2	O
	5.73	37.44	9.9	O
	5.79	37.37	9.2	O
	11.87	37.41	10.0	W
2662	5.89	43.96	28.2	O
	11.88	43.95	27.6	W
	13.61	43.92	29.1	O
	13.63	43.91	28.2	W
	13.63	44.04	28.1	W
	13.66	43.89	29.7	W
2663	11.91	44.87	19.1	W
	12.60	44.85	18.6	O
	13.64	44.81	18.0	W
	13.66	44.74	18.3	W
	13.86	44.85	17.9	O
	13.87	44.81	18.4	O
2664	5.62	50.21	21.9	O
	8.85	50.36	21.3	W
	13.68	50.36	20.7	W
	13.70	50.35	21.8	W
	13.87	50.34	22.6	O
	13.92	50.34	21.1	O
2665	4.62	8.03	17.6	W
	4.66	7.89	16.8	W
	4.69	7.98	17.0	W
	4.70	8.01	16.9	O
	4.71	8.03	16.4	O
	4.71	7.99	17.3	O
2666	12.64	16.79	8.9	O
	13.61	16.84	9.0	O
	13.63	16.80	8.6	W
	13.86	16.82	8.3	W
	13.81	16.84	9.5	W
	13.84	16.80	9.4	O
2667	5.71	45.63	22.0	W
	12.66	45.61	20.2	O
	13.64	45.58	21.2	W
	13.67	45.59	21.3	W
	13.87	45.60	21.6	O
	13.92	45.58	21.8	O
2668	5.65	54.57	37.9	W
	5.73	54.53	38.4	O
	13.68	54.55	38.0	W
	13.70	54.52	38.3	W
	13.86	54.55	37.5	O
	13.87	54.54	37.2	O
2670	8.82	19.09	26.6	W
	11.88	19.06	26.3	W
	13.61	19.07	26.6	O
	13.80	19.01	27.2	W
	13.84	19.05	26.7	O
	13.92	19.03	28.4	O
2671	11.87	59.46	52.0	W
	11.88	59.47	51.9	W
	13.81	59.45	53.0	W
	13.86	59.41	52.9	O
	13.86	59.42	53.7	O
	13.92	59.40	52.5	O
2672	5.62	55.78	55.0	O
	8.84	55.78	56.0	W
	8.85	55.78	55.8	W
	8.86	55.75	55.4	W
	12.64	55.77	56.2	O
	13.87	55.75	56.2	O
2673	5.65	28.98	7.9	W
	5.71	29.01	8.3	W
	5.88	29.00	7.3	O
	5.89	28.98	8.1	O
	8.81	29.03	8.0	O
	8.82	28.99	6.7	W
2674	5.73	37.91	58.0	O
	5.79	37.86	56.8	O
	8.82	37.85	58.9	W
	8.85	37.89	58.8	W
	8.93	37.85	58.9	W
	11.83	37.92	57.7	W
	12.66	37.83	58.1	O
2675	5.65	49.61	26.6	W
	5.71	49.60	26.5	W
	5.73	49.59	27.3	O
	5.89	49.61	26.5	O
	8.81	49.70	27.2	O
	8.86	49.61	26.7	W
	11.86	49.52	26.2	W
2676	8.81	55.79	45.4	O
	8.82	55.75	44.1	W
	8.86	—	44.0	W
	8.95	55.75	43.9	W
	12.66	55.77	45.7	O
	12.64	55.72	45.2	O
2677	5.79	0.18	45.6	O
	5.88	0.20	45.0	O
	8.82	0.13	45.3	W
	8.93	0.20	46.2	W
	8.95	0.17	45.2	W
	12.66	0.18	45.7	O
2678	4.70	41.90	6.7	O
	4.71	41.88	7.0	O
	4.71	41.86	7.6	O
	4.81	41.89	5.9	W
	4.81	41.90	6.6	W
	4.82	41.88	6.4	W
2679	2.80	44.05	4.10	O
	4.69	44.09	42.1	W
	4.73	44.04	42.9	O
	4.85	44.05	42.4	W
	4.87	44.08	43.4	W
	5.73	44.08	41.9	O
2680	5.71	7.82	44.6	W
	5.73	7.83	44.1	O
	5.79	7.86	43.6	O
	5.89	7.82	44.3	O
	8.85	7.78	45.2	W
	11.83	7.80	44.2	W
2681	5.88	28.53	28.1	O
	11.84	28.55	26.4	W
	11.85	28.47	27.7	W
	11.85	28.48	28.6	W
	12.64	28.50	28.5	O
	12.66	28.49	28.2	O
2682	4.69	43.04	46.4	W
	4.70	43.68	46.3	O
	4.71	43.73	46.8	O
	4.71	43.72	45.7	O
	5.65	43.76	45.8	W
	5.70	43.75	45.4	W
2683	8.95	55.02	42.1	W
	8.95	55.05	41.8	W
	11.86	56.01	43.4	W
	13.61	56.04	42.8	O
	13.86	55.87	43.7	O
	13.92	55.96	43.6	O
2684	8.81	7.74	52.7	O
	8.82	7.68	51.2	W
	8.93	7.67	50.8	W
	11.83	7.69	53.0	W
	13.86	7.67	53.1	O
	13.92	7.62	53.1	O
2685	5.73	22.33	19.6	O
	5.71	22.35	19.9	W
	5.74	22.34	17.5	O
	5.73	22.31	17.8	O
	11.87	22.33	17.7	W
	11.88	22.36	19.0	W
2686	2.80	53.68	37.0	O
	4.66	53.67	37.9	W
	4.69	53.63	37.9	W
	4.70	53.67	37.2	O
	4.71	53.62	37.7	O
	4.71	53.62	39.5	O
	4.73	53.63	38.0	O
	4.81	53.66	37.9	W
	4.81	53.61	38.4	W
	4.82	53.67	—	W
2687	5.65	21.02	10.3	W
	5.70	21.88	9.8	O
	5.88	21.03	10.7	O
	5.89	21.04	10.6	O
	8.82	21.05	11.6	W
	8.82	21.85	9.6	W
	11.83	21.04	9.0	W
2688	5.69	49.49	27.4	W
	5.71	49.51	27.2	O
	5.71	49.52	27.6	O
	5.73	49.52	—	O
	4.81	49.52	—	W
	4.81	49.50	27.5	O
	4.82	49.51	27.0	W
	4.85	49.51	27.1	W
	4.87	49.50	27.7	W
	5.73	49.53	27.5	O
	5.73	49.46	25.9	O
	5.79	49.51	26.9	O
	5.89	49.44	—	O
2689	5.62	6.34	0.5	O
	5.71	6.32	2.1	W
	5.89	6.32	2.0	O
	8.81	6.32	1.6	O
	8.82	6.28	1.9	W
	8.82	6.32	3.1	W
2690	4.69	50.19	10.0	O
	4.71	50.14	11.2	O
	4.71	50.17	9.6	O
	4.85	50.08	—	W
	4.85	50.20	9.4	W
	11.87	50.10	10.6	W
	13.63	50.24	10.7	W
2691	8.95	38.39	45.7	W
	8.95	38.39	45.7	W
	11.88	38.34	45.3	W
	12.66	38.41	46.5	O
	12.64	38.37	47.2	O
	12.66	38.34	46.9	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890,0	δ 1890,0	Kr.
2693	11.85	1ʰ12	4°4	W
	11.88	1.13	3.6	W
	~~11.91~~	~~1.21~~	~~4.4~~	W
	13.61	1.14	6.7	O
	13.86	1.16	5.7	O
	13.92	1.13	6.0	O
2694	4.70	3.05	24.2	O
	4.71	3.23	24.8	O
	5.73	3.09	25.3	O
	~~13.64~~	3.55	24.0	W
	13.67	3.01	24.1	W
	13.68	3.59	24.2	W
2695	12.60	55.14	29.1	O
	12.66	55.11	29.0	O
	13.63	55.13	29.3	W
	13.67	55.02	29.3	W
	13.68	55.05	29.0	W
	13.80	~~55.13~~	29.1	O
2696	8.03	15.07	1.0	W
	8.05	15.08	0.8	W
	8.05	15.07	0.6	W
	12.61	15.88	1.1	O
	12.61	15.92	2.3	O
	13.86	15.93	2.4	O
2697	4.69	50.01	10.7	O
	4.71	50.01	10.4	O
	4.71	50.01	10.7	O
	~~4.84~~	~~50.03~~	10.8	W
	4.87	50.00	10.3	W
	11.87	49.92	11.1	W
2698	4.66	52.28	23.8	W
	4.69	52.24	22.8	W
	4.71	52.18	23.7	O
	5.73	52.24	23.8	O
	5.79	52.21	23.3	O
	11.91	52.22	23.7	W
2699	5.88	23.05	35.4	O
	5.88	23.06	36.0	O
	5.89	23.03	35.8	O
	8.82	23.02	36.0	W
	8.84	23.05	36.0	W
	8.86	23.07	35.5	W
2700	2.89	29.74	5.0	O
	5.70	29.79	6.2	W
	5.73	29.80	5.6	O
	5.79	29.79	4.9	O
	11.84	29.76	5.9	W
	11.88	29.71	6.7	W
2701	4.69	55ʰ30	43°2	W
	4.70	55.38	43.0	O
	4.71	55.30	41.9	O
	4.71	55.37	42.6	O
	4.81	55.35	42.0	W
	4.84	55.34	42.7	W
	4.82	55.32	42.6	W
2702	8.81	22.77	10.6	O
	8.82	22.75	10.6	W
	8.84	22.70	10.7	W
	8.95	22.78	10.4	W
	11.83	22.70	10.4	W
	12.61	22.87	9.7	O
2703	4.69	33.41	43.0	W
	4.70	33.37	43.7	O
	4.71	33.40	42.5	O
	4.71	33.32	42.8	O
	5.70	33.32	43.0	W
	5.71	33.33	42.8	W
2704	2.80	26.56	7.8	O
	4.69	26.50	7.8	W
	4.73	26.51	7.5	O
	4.85	26.57	8.6	W
	4.87	26.54	7.9	W
	4.87	26.56	8.5	W
	5.73	26.58	6.7	O
	5.88	26.56	7.5	O
2705	5.71	7.01	59.0	W
	5.88	7.04	57.8	O
	5.88	7.04	58.6	O
	5.89	7.05	59.1	O
	8.82	7.06	57.7	W
	8.89	7.01	58.0	W
2706	4.69	9.97	57.2	W
	4.70	9.94	57.3	O
	4.71	9.93	56.9	O
	4.73	9.99	57.6	O
	4.81	10.03	57.4	W
	4.81	9.91	58.2	W
	4.82	9.95	58.0	W
2707	4.69	31.70	27.1	W
	~~4.73~~	31.78	28.0	O
	4.85	31.75	28.8	W
	4.87	31.72	28.9	W
	4.87	31.77	28.6	W
	5.73	31.81	27.8	O
	5.79	31.80	27.9	O
	5.88	31.74	28.1	O
2708	5.79	13ʰ00	53°3	W
	5.73	13.02	53.1	O
	5.79	13.80	53.6	O
	5.88	13.85	53.0	O
	8.82	13.91	52.5	W
	8.89	13.93	53.4	W
2709	5.71	32.06	56.8	W
	5.88	32.12	58.5	O
	5.89	32.12	58.0	O
	8.81	32.12	57.9	O
	8.82	32.16	56.3	W
	8.93	32.21	56.2	W
	11.85	32.19	—	W
	11.85	32.16	57.1	W
	11.88	32.20	56.1	W
2710	2.80	37.25	28.0	O
	4.69	37.18	28.8	W
	4.73	37.20	27.5	O
	4.81	37.23	27.5	W
	4.82	37.23	27.5	W
	4.82	37.22	29.5	W
	~~5.79~~	37.19	27.5	O
	5.88	37.21	30.0	O
2711	8.86	47.11	59.4	W
	8.93	47.09	59.3	W
	8.95	47.10	60.7	W
	11.84	47.16	60.4	W
	12.69	47.15	61.5	O
	12.61	47.19	61.1	O
2712	5.79	11.12	7.5	O
	5.89	11.14	7.4	O
	8.84	11.14	8.2	O
	8.82	11.13	6.7	W
	8.85	11.20	7.7	W
	8.96	11.19	7.4	W
2713	12.66	22.63	24.0	O
	13.61	22.74	25.0	O
	13.63	22.70	25.2	W
	13.64	22.70	25.2	W
	13.69	22.67	25.8	W
	13.86	22.68	25.1	O
2714	8.86	56.81	26.0	W
	8.93	56.83	25.8	W
	8.95	56.84	26.1	W
	11.87	56.79	26.4	W
	11.88	56.82	26.1	W
	12.60	56.74	26.8	O
2715	2.80	58ʰ39	48°2	O
	4.73	58.37	48.7	O
	4.81	58.33	48.7	W
	4.82	58.37	47.5	W
	4.82	58.31	49.0	W
	5.74	58.33	48.3	O
	5.79	58.37	47.1	O
	5.88	58.38	46.7	O
2717	4.73	2.02	20.0	O
	5.70	1.98	19.0	W
	5.73	1.93	18.7	O
	5.79	2.02	18.7	O
	5.88	1.96	19.6	O
	11.85	2.06	19.3	W
	11.85	1.95	17.6	W
2718	8.82	34.04	10.9	W
	8.82	34.11	12.1	W
	8.95	34.07	12.2	W
	11.85	34.01	—	W
	12.60	34.01	12.3	O
	12.61	34.03	12.8	O
	12.66	34.09	13.0	O
2719	5.71	3.05	41.9	W
	5.73	3.54	42.7	O
	5.88	3.54	43.1	O
	8.81	3.55	42.0	O
	8.03	3.57	41.3	W
	8.05	3.61	41.7	W
	11.86	3.59	42.8	W
2720	5.70	28.28	22.6	O
	8.81	28.24	24.1	O
	8.82	28.28	22.0	W
	8.03	28.24	22.7	W
	8.06	28.28	24.3	W
	11.88	28.22	24.6	W
	12.60	28.19	23.7	O
2721	5.73	6.40	34.7	O
	5.88	6.40	35.0	O
	5.88	6.40	35.2	O
	8.05	6.44	34.7	W
	8.06	6.40	34.7	W
	11.85	6.45	34.0	W
	11.85	6.44	36.1	W
	11.86	6.41	34.4	W
2722	5.89	22.64	31.6	O
	8.82	22.66	30.9	W
	11.83	22.65	31.8	W
	11.84	22.58	30.9	W
	11.87	22.61	30.9	W
	12.61	22.61	32.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2723	8.86	24ʰ93	52°8	W
	11.85	24.95	52.9	W
	12.64	24.97	52.9	O
	12.66	25.00	52.4	O
	13.61	24.91	53.0	O
	13.63	24.92	52.4	W
2724	2.80	4.46	13.6	O
	4.81	4.53	(15.4)	W
	4.81	4.53	13.4	W
	4.82	4.53	13.8	W
	5.73	4.49	13.2	O
	5.73	4.44	13.6	O
	5.79	4.48	12.4	O
	5.88	4.48	13.3	O
2725	4.69	10.84	35.9	W
	4.73	10.89	36.6	O
	4.90	10.96	35.7	W
	5.70	10.89	36.6	W
	5.79	10.87	36.6	O
	5.88	10.88	38.4	O
2726	4.85	18.84	7.0	W
	4.87	18.82	6.5	W
	4.87	18.88	7.8	W
	5.88	18.81	7.9	O
	5.88	18.81	6.4	O
	5.88	18.86	7.2	O
	8.81	18.88	7.2	O
	12.60	18.90	7.3	O
2727	8.82	27.99	26.0	W
	8.93	27.95	26.5	W
	11.85	28.00	27.6	W
	11.88	28.04	26.9	W
	12.61	28.03	27.4	O
	13.86	28.02	27.9	O
2728	8.81	29.58	18.3	O
	8.95	29.58	17.5	W
	8.95	29.54	17.1	W
	8.96	29.58	17.6	W
	12.64	29.63	19.5	O
	12.66	29.55	18.9	O
2729	4.69	20.47	37.6	W
	4.73	20.46	35.1	O
	5.70	20.48	35.8	W
	5.71	20.46	35.9	W
	5.73	20.41	34.6	O
	5.79	20.46	36.5	O
	5.88	20.46	35.8	O
2730	2.80	10.49	40.7	O
	4.73	10.46	39.1	O
	4.81	10.48	40.1	W
	4.82	10.43	40.4	W
	4.82	10.35	40.2	W
	5.73	10.40	40.9	O
	5.88	10.41	40.8	O
2731	4.73	31ʰ37	16°7	O
	4.74	31.36	15.9	O
	4.85	31.32	17.2	W
	4.87	31.36	16.5	W
	4.87	31.36	17.5	W
	5.71	31.45	16.2	W
	5.87	31.37	16.0	O
	5.88	31.33	16.4	O
2732	4.90	49.93	5.6	W
	5.70	49.92	5.9	W
	5.73	49.95	4.5	O
	5.79	49.93	4.1	O
	5.79	49.93	5.5	O
	5.88	49.95	5.2	O
	5.89	49.94	6.5	W
	11.91	49.43	5.8	W
2733	5.89	9.85	56.4	O
	8.81	9.78	57.6	O
	8.82	9.75	52.3	W
	8.86	9.82	52.1	W
	8.93	9.75	52.0	W
	12.60	9.77	58.7	O
2734	4.73	3.60	38.0	O
	4.74	3.67	38.4	O
	4.81	3.62	37.4	W
	4.81	3.68	37.6	W
	4.82	3.64	37.5	W
	5.73	3.65	37.6	O
	5.79	3.67	36.3	O
	5.88	3.66	37.1	O
2735	2.80	53.75	44.2	O
	4.69	53.79	44.6	W
	4.84	53.75	45.1	W
	4.87	53.75	43.3	W
	4.87	53.71	44.1	W
	5.79	53.76	44.2	O
	5.79	53.66	43.4	O
2736	4.73	59.46	37.2	O
	4.74	59.50	39.0	O
	4.90	59.47	36.0	W
	5.70	59.54	35.6	W
	5.71	59.52	35.8	W
	5.73	59.53	36.3	O
	5.73	59.52	35.7	O
	5.88	59.55	36.6	O
	5.88	59.53	37.0	O
2737	11.85	45.13	16.7	W
	13.61	45.13	16.2	O
	13.64	45.12	16.2	W
	13.66	45.15	15.3	W
	13.86	45.12	16.8	O
	13.92	45.05	16.9	O
2738	5.88	2ʰ30	31°6	O
	5.88	2.29	31.4	O
	5.92	2.25	32.7	O
	11.91	2.27	30.3	W
	13.63	2.31	31.9	W
	13.68	2.27	31.8	W
2739	2.80	38.01	59.8	O
	4.69	38.87	60.0	W
	4.73	38.79	59.9	O
	4.74	38.91	60.2	O
	4.81	38.95	60.4	W
	4.81	38.89	60.4	W
	4.82	38.88	60.4	W
	5.70	38.80	60.5	O
2740	8.81	50.47	22.2	O
	8.81	50.45	20.7	O
	8.95	50.42	19.3	W
	8.95	50.41	20.5	W
	12.61	50.44	21.8	O
	13.61	50.45	20.1	W
2741	5.73	28.65	25.1	O
	5.73	28.69	24.9	O
	5.92	28.68	24.9	O
	8.86	28.66	25.4	W
	8.93	28.66	25.2	W
	11.85	28.69	24.6	W
2742	5.71	38.70	32.1	W
	8.90	38.66	31.4	W
	11.87	38.57	(29.8)	W
	12.60	38.63	31.9	O
	12.66	38.63	33.0	O
	13.86	38.65	32.8	O
2743	8.93	25.96	58.6	W
	11.85	25.90	59.2	W
	11.85	25.93	60.5	W
	12.60	25.96	59.1	O
	12.66	25.89	58.8	O
	13.61	25.92	58.8	O
2745	11.91	11.44	29.5	W
	13.63	11.48	32.1	W
	13.64	11.45	30.3	W
	13.86	11.57	30.5	O
	13.92	11.46	31.0	O
	13.92	11.46	30.9	O
2746	2.80	35.60	59.6	O
	2.83	35.53	60.9	O
	4.69	35.65	61.5	W
	4.73	35.61	60.7	O
	4.74	35.61	60.7	O
	4.85	35.55	60.1	W
	4.87	35.60	60.2	W
	4.87	35.62	60.1	W
2747	5.73	43ʰ02	55°3	O
	5.88	43.67	55.0	O
	5.92	43.76	54.9	O
	8.84	43.71	53.8	O
	11.87	43.70	53.4	W
	13.67	43.78	54.3	W
2748	4.81	13.97	19.2	W
	4.81	13.98	18.4	W
	4.82	13.99	18.7	W
	5.88	13.93	19.4	O
	5.92	13.95	17.6	O
	12.61	14.01	17.1	O
2749	5.70	29.23	14.3	O
	5.88	29.43	14.1	O
	5.88	29.32	14.0	O
	13.63	29.27	14.3	W
	13.64	29.28	14.4	W
	13.68	29.26	14.6	W
2750	8.86	60.05	9.2	W
	8.93	60.07	7.9	W
	8.95	60.03	9.1	W
	13.64	60.04	9.5	O
	13.95	59.95	8.4	O
	13.97	59.92	8.9	O
2751	4.69	9.15	4.68	W
	4.73	9.16	4.2.2	O
	4.73	9.06	—	O
	5.70	9.12	4.7.0	W
	5.71	9.11	4.8.4	W
	5.73	9.16	4.7.2	O
	5.79	9.12	4.6.5	O
	5.88	9.19	4.8.0	O
2752	4.69	59.40	16.8	W
	4.73	59.42	16.4	O
	4.74	59.41	16.2	O
	4.85	59.42	16.9	W
	4.87	59.41	17.2	W
	4.87	59.38	16.3	W
	5.73	59.31	16.0	O
	5.88	59.44	16.4	O
2753	8.81	40.65	5.6	O
	8.95	40.61	4.6	W
	8.96	40.63	5.4	W
	11.85	40.64	5.8	W
	12.60	40.61	7.0	O
	13.91	40.59	5.8	O
2754	5.92	50.04	(10.2)	O
	11.84	49.95	8.5	W
	11.85	50.03	6.9	W
	11.85	50.12	7.5	W
	13.86	50.08	8.3	O
	13.92	50.11	8.3	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ	Kr.
2755	5.88	27h38m	58°7	O
	6.88	7.69	58.0	O
	8.95	7.71	59.1	W
	11.86	7.83	58.6	W
	11.87	7.76	58.2	W
	12.66	7.70	60.1	O
2756	2.80	15.34	36.3	O
	2.83	15.30	37.2	O
	4.69	15.34	36.8	W
	4.74	15.31	37.0	O
	4.74		36.0	O
	4.81	15.31	35.3	W
	4.81	15.31	36.5	W
	4.82	15.30	36.2	W
2757	4.90	46.83	14.0	W
	5.70	46.72	13.2	W
	5.74	46.81	15.1	W
	5.79	46.69	14.6	O
	5.88	46.78	13.7	O
	13.63	47.08	15.1	W
2758	5.89	49.03	51.7	O
	5.92	49.03	52.5	O
	8.80	49.89	51.6	W
	8.93	49.95	50.4	W
	11.88	49.99	52.6	W
	12.60	50.83	52.8	O
2759	4.74	30.31	57.2	O
	4.74	—	57.5	O
	4.85	30.31	58.2	W
	4.87	30.36	58.1	W
	4.90	30.36	58.5	W
	5.73	30.27	57.7	O
	5.73	30.31	57.0	O
	5.79	30.30	56.0	O
	5.88	30.49	57.9	O
2760	5.92	13.37	19.2	O
	8.95	13.44	17.1	W
	8.95	13.51	18.4	W
	11.91	13.51	18.1	W
	12.61	13.62	18.1	O
	12.66	13.50	18.0	O
2761	5.88	40.37	53.1	O
	5.88	40.38	52.3	O
	5.89	40.41	53.8	O
	8.96	40.40	52.1	W
	11.88	40.43	53.0	W
	13.64	40.37	52.1	W
2762	2.80	7.24	27.0	O
	2.83	7.33	27.2	O
	4.73	7.30	26.6	O
	4.81	7.27	27.1	W
	4.82	7.31	27.1	W
	4.82	7.31	25.3	W
2763	4.85	46h2m	38°4	W
	4.85	40.83	38.1	W
	4.87	46.81	37.6	W
	5.73	46.88	37.0	O
	5.74	46.86	37.4	O
	5.79	46.84	37.2	O
	5.88	46.84	37.7	O
	5.88	46.84	37.6	O
2764	4.73	24.27	54.4	O
	4.90	24.22	53.1	W
	5.70	24.20	53.9	W
	5.74	24.20	53.5	W
	5.79	24.24	55.2	O
	5.88	24.28	54.7	O
2765	5.73	57.93	23.4	O
	5.73	57.82	24.9	O
	5.79	57.81	23.5	O
	8.86	57.75	24.7	W
	8.91	57.78	25.6	W
	8.93	57.79	24.3	W
	11.85	57.80	24.1	W
	11.86	57.78	23.9	W
2766	4.73	22.08	1.3	O
	4.81	22.05	1.1	W
	4.81	22.07	2.1	W
	4.82	22.04	1.2	W
	4.90	22.02	1.7	W
	5.73	22.05	1.3	O
	5.79	22.03	0.0	O
	5.88	22.05	1.0	O
2767	2.80	26.86	59.5	O
	2.83	26.89	59.5	O
	4.73	27.01	60.5	O
	4.85	26.88	59.3	W
	4.87	26.89	59.8	W
	4.87	26.88	58.9	W
2768	5.73	37.51	29.3	O
	5.79	37.50	29.0	O
	5.88	37.48	29.0	O
	8.82	37.51	29.9	W
	8.86	37.48	31.4	W
	8.93	37.49	30.8	W
	11.86	37.51	31.6	W
2769	5.02	54.26	17.2	O
	8.81	54.15	43.6	O
	8.91	54.20	46.2	W
	8.95	54.25	45.7	W
	8.95	54.21	45.1	W
	12.61	54.49	44.5	O
2770	4.73	19h10	24m5	O
	4.90	19.08	24.3	W
	5.70	19.13	24.7	W
	5.74	19.19	25.1	W
	5.74	19.17	24.8	O
	5.73	19.11	24.0	O
	5.88	19.18	24.4	O
	5.88	19.14	23.7	O
2771	5.79	54.02	11.3	O
	5.79	54.06	13.2	O
	5.88	55.04	11.6	O
	11.87	55.11	10.6	W
	11.91		11.8	W
	12.97	55.14	11.0	W
2772	4.81	4.35	45.0	W
	4.81	4.37	45.0	W
	4.82	4.32	44.6	W
	5.88	4.25	44.3	O
	5.89	4.50	44.2	O
	5.92	4.31	44.8	O
2773	8.82	16.21	45.6	W
	8.86	16.20	44.9	W
	8.96	16.22	43.9	W
	12.61	16.18	45.6	O
	12.66	16.24	44.3	O
	12.92	16.26	44.7	O
2774	8.81	34.72	5.0	O
	8.91	34.68	7.3	W
	8.93	34.61	5.2	W
	8.95	34.63	5.0	W
	13.82	34.97	6.7	O
	13.82	34.66	6.4	O
2775	5.71	41.71	—	W
	5.79	41.69	30.8	O
	5.88	41.71	30.6	O
	5.88	41.68	31.0	O
	8.82	41.71	31.2	W
	8.86	41.81	30.6	W
	8.95	41.78	30.5	W
2776	5.70	33.56	3.3	W
	5.73	33.62	2.8	O
	5.73	33.58	4.3	O
	5.89	33.58	3.8	O
	8.91	33.69	3.8	W
	8.93	33.63	2.9	W
2777	5.02	0.65	29.7	O
	5.87	0.58	30.4	O
	8.95	0.62	29.4	W
	8.96	0.62	29.2	W
	11.83	0.58	30.9	W
	12.66	0.66	30.7	O
2778	4.91	33h23	31m2	W
	12.61	33.20	31.6	O
	12.92	33.24	31.6	O
	12.97	33.26	31.1	W
	12.98	33.19	31.7	W
	13.82	33.26	—	O
	13.82	33.28	30.9	O
2779	5.88	41.36	29.4	O
	5.88	41.31	27.5	O
	5.92	41.31	27.8	O
	8.95	41.30	27.3	W
	11.86	41.36	28.0	W
	11.87	41.30	27.7	W
2780	4.73	53.29	45.1	O
	4.85	53.34	45.7	W
	4.87	53.36	46.3	W
	5.70	53.33	45.6	W
	5.73	53.32	45.3	O
	5.73	53.31	46.0	O
	5.88	53.35	45.3	O
	5.88	53.34	45.7	O
2781	2.80	58.72	40.1	O
	2.83	58.72	39.0	O
	4.73	58.71	40.1	O
	4.81	58.73	40.3	W
	4.81	58.68	40.8	W
	4.82	58.71	40.5	W
2782	5.88	53.11	43.4	O
	8.81	53.02	43.0	O
	8.82	53.08	42.4	W
	8.91	53.07	42.2	W
	8.93	53.06	41.7	W
	13.84	53.02	42.6	O
2783	5.79	34.29	22.0	O
	5.79	34.30	22.4	O
	5.88	34.28	21.4	O
	11.86	34.31	22.6	W
	11.87	34.25	20.5	W
	12.98	34.30	22.4	W
2784	5.02	6.40	40.6	O
	8.82	6.49	40.7	W
	8.91	6.45	40.7	W
	8.95	6.53	41.8	W
	12.61	6.49	40.2	O
	12.02	6.47	41.0	O
2785	5.79	8.61	16.1	O
	5.88	8.70	16.0	O
	5.88	8.68	16.3	O
	12.97	8.87	16.7	W
	12.98	8.84	17.0	W
	13.64	8.87	17.3	W

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2786	4.90	48^{h}22	47^{m}1	W
	5.70	48.21	47.1	W
	5.71	48.31	47.6	W
	5.74	48.23	47.7	O
	5.79	48.22	47.0	O
	5.88	48.20	46.8	O
2787	8.86	50.80	54.3	W
	8.93	50.82	53.6	W
	8.97	50.86	53.5	W
	12.66	50.93	53.9	O
	12.96	50.89	52.8	O
	13.84	50.91	54.9	O
2788	4.81	51.91	27.5	W
	4.81	51.89	27.5	W
	4.82	51.88	27.9	W
	5.88	51.82	26.9	O
	5.88	51.82	28.1	O
	8.89	51.79	27.1	O
2789	5.92	17.48	56.3	O
	8.82	17.57	61.5	W
	8.91	17.47	60.7	W
	11.91	17.55	58.8	W
	13.82	17.56	60.1	O
	13.86	17.52	59.6	O
2790	8.93	20.79	37.2	W
	11.86	20.78	37.7	W
	11.87	20.79	37.3	W
	12.92	20.74	37.7	O
	12.96	20.68	37.5	O
	13.82	20.76	37.7	O
2791	8.93	50.55	17.1	W
	8.96	50.52	17.7	W
	11.83	50.52	19.9	W
	12.66	50.57	18.2	O
	13.84	50.58	18.3	O
	13.92	50.59	18.1	O
2792	4.85	18.93	36.4	W
	4.87	18.96	37.6	W
	4.87	18.93	37.1	W
	5.73	18.94	35.6	O
	5.79	18.97	36.2	O
	5.88	18.93	35.8	O
	5.88	18.86	37.0	O
2793	4.81	16.16	24.6	W
	4.81	16.19	23.0	W
	4.82	16.15	24.5	W
	5.88	16.18	24.1	O
	5.88	16.12	24.6	O
	5.89	16.10	24.3	O
2794	8.86	30.68	28.9	W
	8.91	30.78	30.1	W
	11.91	30.85	28.4	W
	12.61	30.82	30.8	O
	13.82	30.82	30.1	O
	13.86	30.88	30.5	O
2795	8.82	48.71	30.1	W
	8.95	48.76	30.0	W
	8.96	48.68	28.9	W
	12.92	48.69	29.3	O
	13.82	48.74	30.5	O
	13.84	48.70	29.7	O
2796	4.90	2.47	4.8	W
	5.70	2.66	4.2	W
	5.71	2.65	5.3	W
	5.88	2.68	4.6	O
	5.92	2.64	4.5	O
	5.92	2.63	4.2	O
2797	5.79	29.67	17.1	O
	5.92	29.60	18.1	O
	8.97	—	18.6	O
	12.66	29.69	—	O
	12.97	29.67	17.5	W
	12.98	29.66	18.1	W
	13.91	29.68	17.5	W
2798	8.86	34.85	46.5	W
	8.91	34.81	45.2	W
	11.87	34.84	44.9	W
	12.61	34.92	45.9	O
	12.96	34.93	45.2	O
	13.86	34.92	46.0	O
2799	5.79	37.30	28.5	W
	5.71	37.35	28.3	W
	8.82	37.29	29.0	W
	11.83	37.24	28.0	W
	13.82	37.31	29.3	O
	13.82	37.34	29.7	O
2800	4.81	5.64	13.3	W
	4.81	5.65	13.4	W
	4.82	5.71	13.3	W
	4.90	5.62	12.0	W
	5.73	5.75	13.4	O
	5.79	5.64	13.0	O
	5.88	5.65	13.2	O
	5.92	5.56	13.8	O
2801	5.70	11.16	19.0	W
	5.71	11.18	19.4	W
	5.97	11.14	19.8	O
	8.81	11.11	19.5	O
	8.82	11.12	19.0	W
	12.61	11.09	20.5	O
2802	2.83	25.92	31.9	O
	4.85	2.85	33.2	W
	4.87	2.90	33.0	W
	4.87	2.70	34.2	W
	5.73	2.87	33.4	O
	5.79	2.83	33.1	O
	5.88	2.81	33.7	O
2803	5.88	13.00	31.4	O
	5.97	13.02	31.6	O
	8.81	13.00	32.1	O
	8.82	13.03	31.9	W
	8.91	12.98	31.7	W
	8.93	13.10	30.8	W
	11.83	12.81	32.6	W
2804	2.83	30.43	5.1	O
	4.90	30.44	4.9	W
	5.70	30.40	5.8	W
	5.71	30.42	4.1	W
	5.73	30.47	4.7	O
	5.73	30.44	4.6	O
	5.88	30.44	5.4	O
	5.88	30.45	5.5	O
2805	4.85	53.74	5.7	W
	4.87	53.71	6.0	W
	4.87	53.69	5.0	W
	5.79	53.73	6.4	O
	5.79	53.72	6.9	O
	5.88	53.75	6.3	O
2806	5.88	21.75	16.1	O
	5.88	21.80	15.9	O
	5.88	21.71	15.6	O
	8.82	21.69	16.4	W
	8.95	21.73	—	W
	11.86	21.71	14.6	W
	12.97	21.73	15.7	W
2807	2.83	56.76	46.8	O
	4.90	56.77	47.9	W
	5.70	56.73	47.5	W
	5.71	56.75	47.8	W
	5.73	56.74	47.4	O
	5.73	56.78	47.9	O
	5.88	56.79	47.6	O
2808	8.81	58.98	12.2	O
	8.82	59.03	10.9	W
	8.91	59.02	10.7	W
	8.93	58.97	11.8	W
	12.61	59.02	11.8	O
	12.93	59.01	11.4	O
2809	8.95	59.96	22.8	W
	8.95	59.99	21.9	W
	8.96	59.95	22.7	W
	11.83	59.99	22.1	W
	12.92	60.03	20.8	O
	12.93	59.97	22.6	O
2810	4.85	3.91	21.8	W
	4.87	3.84	20.6	W
	5.79	3.87	21.2	O
	5.79	3.89	20.4	O
	5.88	3.91	21.0	O
	5.92	3.88	20.2	O
2811	4.81	17.21	22.8	W
	4.81	17.21	22.6	W
	4.82	17.24	23.4	W
	5.88	17.21	22.0	O
	5.88	17.24	22.8	O
	5.88	17.18	22.1	O
2812	4.87	33.98	8.6	W
	5.74	34.12	8.0	O
	5.73	34.04	7.8	O
	5.97	34.01	8.3	O
2813	8.92	—	26.9	W
	11.86	33.30	27.9	W
	12.96	33.33	28.7	O
	12.97	33.29	27.7	W
	12.98	33.30	—	W
	13.82	33.29	28.4	O
	13.92	33.31	29.2	O
2814	11.96	6.23	48.6	W
	12.92	6.31	47.7	O
	12.98	6.30	48.0	W
	13.01	6.34	48.0	W
	13.63	6.34	49.0	W
	13.84	6.30	48.0	O
	13.86	6.27	49.1	O
2815	5.70	53.60	—	W
	5.92	53.61	51.3	O
	5.97	53.60	52.6	O
	8.81	53.56	51.3	O
	8.93	53.63	50.6	W
	8.95	53.58	50.1	W
	8.95	53.57	50.3	W
2816	5.88	50.30	56.8	O
	5.92	50.35	56.1	O
	5.97	50.39	56.8	O
	8.82	50.29	56.3	W
	8.91	50.32	56.4	W
	8.92	—	57.2	W
	11.83	50.30	54.8	W
2817	4.81	16.51	57.9	W
	4.81	16.53	57.3	W
	4.82	16.53	57.5	W
	5.73	16.47	57.8	O
	5.73	16.50	58.4	O
	5.79	16.54	58.4	O
	5.88	16.52	58.6	O
	5.88	16.54	58.5	O

Digitized by Google

No. des Sterns	Epoche 1880 +	α 1890.0	δ 1890.0	Kr.
2818	4.90	14ᵐ07ˢ	55° 0′	W
	5.70	14.07	55.2	W
	5.71	14.03	55.1	W
	5.88	14.04	54.6	O
	5.88	14.04	55.5	O
	5.92	14.06	55.9	O
2819	4.85	0.47	28.8	W
	4.87	0.44	29.0	W
	4.87	0.41	27.8	W
	5.74	0.52	28.1	O
	5.88	0.42	28.7	O
	5.92	0.40	28.3	O
2820	2.83	8.83	8.0	O
	2.83	8.88	8.3	O
	5.73	8.77	7.8	O
	5.88	8.82	8.0	O
	11.96	8.72	8.8	W
	12.97	8.78	8.0	W
2821	5.97	29.25	18.3	O
	8.81	29.24	17.8	O
	8.82	29.25	16.8	W
	8.91	29.25	17.2	W
	8.93	29.19	17.6	W
	12.02	29.25	17.9	O
2822	8.92		50.1	W
	8.93	44.47	50.4	W
	8.93	44.46	50.0	W
	12.03	44.44	51.4	O
	12.03	44.44	52.0	O
	12.09	44.48	51.7	O
	12.98	44.47	—	W
2823	5.97	30.83	8.7	O
	8.96	30.90	8.8	W
	12.01	30.77	10.2	O
	12.92	30.77	9.9	O
	12.97	30.80	9.0	W
	12.98	30.87	10.7	W
2824	5.71	9.18	13.6	W
	8.95	9.22	14.1	W
	12.93	9.20	13.6	O
	12.96	9.27	14.2	O
	13.03	9.27	13.2	W
	13.82	9.18	13.8	O
2826	4.81	53ᵐ09ˢ	23° 5′	W
	4.81	52.96	23.0	W
	4.82	52.99	23.4	W
	5.97	—	24.2	O
	12.01	52.97	22.1	O
	13.83	52.99	22.7	O
	13.92	52.94	23.0	O
2827	4.85	55.77	47.5	W
	4.87	55.73	48.3	W
	4.87	55.76	48.9	W
	5.92	55.69	48.0	O
	12.92	55.72	49.5	O
	12.96	55.80	47.1	O
2828	8.96	2.06	12.8	W
	12.97	2.06	13.5	W
	13.01	2.04	14.2	W
	13.82	1.97	14.1	O
	13.86	1.99	14.2	O
	13.92	2.07	13.5	O
2829	2.83	8.51	30.3	O
	2.83	8.45	30.7	O
	5.88	8.30	30.9	O
	12.98	8.45	30.6	W
	13.01	8.46	31.0	W
	13.02	8.49	30.7	W
2830	12.03	33.03	20.8	O
	13.02	33.01	21.7	O
	13.04	33.03	21.0	W
	13.06	33.04	21.6	W
	13.06	33.06	22.2	W
	13.82	33.04	20.8	O
2831	8.95	24.59	49.2	W
	8.95	24.57	49.3	W
	13.03	24.54	48.8	W
	13.84	24.58	50.0	O
	13.86	24.55	50.2	O
	13.92	24.58	50.4	O
2832	8.91	29ᵐ25ˢ	12° 6′	W
	11.96	29.18	11.4	W
	11.97	29.20	13.4	O
	13.01	29.24	11.4	W
	13.82	29.11	11.8	O
	13.92	29.19	11.6	O
2833	5.88	31.74	10.5	O
	5.92	31.64	10.3	O
	5.95	31.71	10.3	O
	12.98	31.73	12.2	W
	13.01	31.78	11.7	W
	13.02	31.77	11.4	W
2834	4.90	11.22	22.8	W
	5.70	11.17	22.0	W
	5.71	11.11	22.8	W
	5.73	11.19	23.3	O
	5.73	11.18	23.0	O
	5.79	11.21	23.0	O
	5.88	11.18	23.3	O
2835	8.81	19.20	32.2	O
	8.81	19.09	31.8	O
	8.92	—	30.8	W
	8.96	19.08	30.5	W
	11.86	19.10	31.6	W
	12.92	19.09	31.0	O
2836	4.81	24.21	43.8	W
	4.81	24.20	43.1	W
	4.82	24.21	42.9	W
	5.88	24.19	43.7	O
	5.92	24.24	42.0	O
	5.97	24.21	42.9	O
2837	2.81	18.83	21.3	O
	2.83	18.91	22.1	O
	4.85	18.89	20.9	W
	4.87	18.85	20.9	W
	4.87	18.87	21.7	W
	5.88	18.88	21.0	O
2838	8.95	42ᵐ04ˢ	28° 4′	W
	12.61	42.51	27.3	O
	12.93	42.66	28.4	O
	12.93	42.63	29.0	O
	12.97	42.58	28.9	W
	13.01	42.59	28.4	W
2839	8.91	52.49	37.3	W
	8.95	52.47	37.4	W
	11.96	52.42	35.8	W
	12.96	52.45	39.1	O
	13.82	52.28	38.7	O
	13.84	52.44	38.7	O
	13.86	52.45	37.6	O
2840	4.90	25.47	49.7	W
	5.70	25.42	49.3	W
	5.71	25.40	49.6	W
	5.73	25.39	49.1	O
	5.73	25.44	48.6	O
	5.79	25.45	49.1	O
	5.88	25.42	49.4	O
	5.88	25.35	49.3	O
2841	4.81	40.08	25.9	W
	4.81	40.00	25.6	W
	4.82	40.06	25.9	W
	5.88	40.11	25.3	O
	5.92	40.04	25.4	O
	5.95	40.06	25.6	O
2842	8.81	42.30	22.7	O
	8.96	42.28	21.8	W
	11.83	42.26	21.6	W
	11.83	42.31	21.2	W
	12.61	42.27	21.8	O
	13.02	42.31	22.3	O
2843	8.92	—	47.8	W
	11.86	47.52	47.8	W
	12.92	47.53	46.9	O
	12.97	47.53	—	W
	12.98	47.55	48.4	W
	13.82	47.40	47.6	O
	13.92	47.53	47.5	O

Digitized by Google

Digitized by Google

The Ohio State University
3 2435 05500191 1
THE OHIO STATE UNIVERSITY BOOK DEPOSITORY
D AISLE SECT SHLF SIDE POS ITEM C
8 02 33 16 8 02 008 9

Digitized by Google